

A composite background image. The top right shows a complex metal lattice tower with various antennas and cables against a blue sky with clouds. The bottom left shows a robotic arm in a factory setting, with a bright blue welding spark emanating from its tip as it works on a metal component.

BUILDING & INDUSTRY CATALOG

2022

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Key:

 : Coil /  : Reel /  : Cardboard box /  : cut to length
 : Box /  : Large volume box /  : Big bag

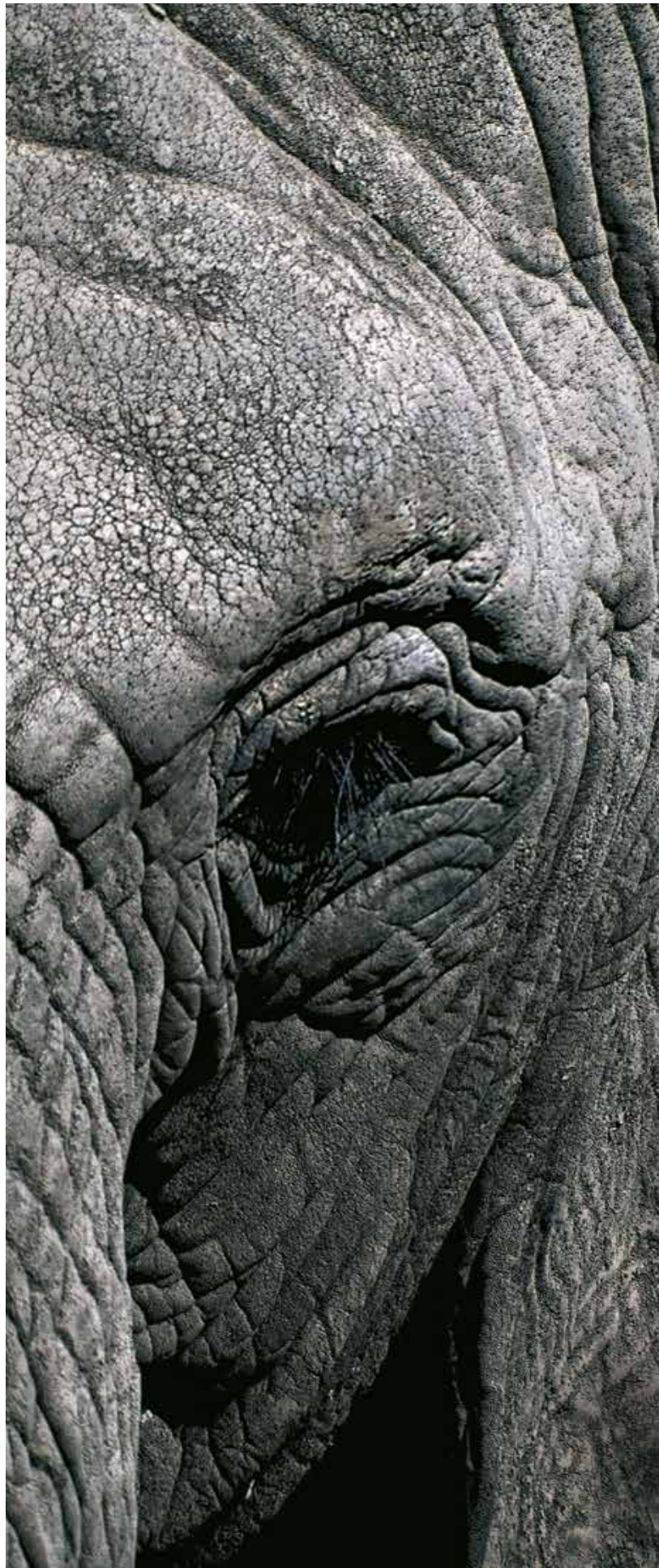


Established on 1st February 2010, ID CABLES exclusively offers high and low current cables to electrical equipment distributors in the construction, telecommunications and industrial sectors.

The need for competitiveness in this market drives us to propose a selective range of mass-market products.

ID CÂBLES employees have significant experience in sales to the electrical distribution sector and they rely on a central storage site in Villabé (Essonne, France) and powerful logistics resources.

ID CÂBLES is a subsidiary of TKH Group, a Netherlands-based industrial group, which is active in production or distribution in 25 countries around the world. TKH Group is listed on Euronext Amsterdam and active in the fields of telecommunications, communication systems and industry. TKH Group employs 5030 people and generates annual turnover of 1.35 billion euros.



Factories

ID CABLES works with a Manufacturing Cluster of specialist factories, some of which have existed for over 50 years, active in different types of applications for industry and construction.

We leverage the resources and investments of our group research and development department, enabling us to offer cutting-edge products. It is with the same level of requirement and well-established quality processes that we offer this range of high-performance connectors. All factories operate in accordance with international standards ISO 9001 and ISO 14001.



Logistics

ID CABLES relies on a centralized logistics platform in Villabé, France with more than 30,000 sq meters of floor space. The platform is fully automated and makes use of cutting-edge machinery.



ID CÂBLES is ISO 9001 certified.



European Construction Products Regulation

Since 1st July 2017

Europe-wide harmonisation of construction product testing, especially cables and fixed cabling system components installed in buildings. EN 50575 standard

European objectives

- + Raise the level of safety for people and property
- + Test the fire reaction of construction products and cables
- + Classify the performance and quality of construction products



A common technical language in Europe

Mandatory tests for all construction cables sold in Europe

A single and uniform classification of their reaction to fire

Fields of application of the standard

The test results generate a classification.

The seven classes of fire behaviour are

EUROCLASSES



Flame spread



Cable Heat Level



Acidity and conductivity



Flaming droplets and debris



Smoke opacity

7 Euroclasses

Classification according to fire performance

A_{CA}



No reaction

B1_{CA}



Very low reaction

B2_{CA}



Low reaction

C_{CA}



Limited reaction

D_{CA}



Acceptable reaction

E_{CA}



Basic reaction

F_{CA}



Uncategorized

Since 1st July 2017, manufacturers must observe two obligations

- Declaration of Performance (DoP)
- Product labelling and CE marking

Since 1st July 2017, ID CÂBLES has supplied cables compliant with this new European regulation



GOOD TO KNOW:

- **CPR** (Construction Product Regulation)
- **DoP** (Declaration Of Performance)



BUILDINGS

VDI cables and solutions

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VDI cables and solutions

Cat.5e / Cat.6 network cables

► CATEGORY 5E NETWORK CABLES

Application

F/UTP shielded 100-ohm grade 1 cable:

- Used in a horizontal or vertical (backbone) configuration, it constitutes the basis of a high-speed VDI (Voice-Data-Image) network
- Its shielding offers a high overlap coefficient enabling use in a disrupted environment, ensures correct operation up to 100 MHz



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
F4P5ESHB	CAT5E F/UTP 4P LSZH 100-Ohm cable BOX 305 m	5.8	DCA	38
F4P5ESH	CAT5E F/UTP 4P LSZH 100-Ohm cable	5.8	DCA	38
F8P5ESH	CAT5E F/UTP 2X4P LSZH 100-Ohm cable	5.8 x 13.0	DCA	76

Packaging

 100 m /  500 m /  1000 m /  305 m

► CATEGORY 6 NETWORK CABLES

Application

F/UTP shielded 100-Ohm grade 2 cable:

- Used in a horizontal or vertical (backbone) configuration, it constitutes the basis of a high-speed VDI (Voice-Data-Image) network
- Its aluminium foil shielding enables use in a disrupted environment and ensures correct operation up to 250 MHz



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
F4P6SHB	Cat.6 F/UTP 4P LSZH 100-Ohm cable BOX 305 m	7.0	DCA	50
F4P6SH	Cat.6 F/UTP 4P LSZH 100-Ohm cable	7.0	DCA	50
F8P6SH	Cat.6 F/UTP 2X4P LSZH 100-Ohm cable	7.0 x 14.5	DCA	102

Packaging

 100 m /  500 m /  1000 m /  305 m



VDI cables and solutions

► CATEGORY 6 PATCH CABLE

Application

U/FTP shielded patch cable (flexible) 100-Ohm Grade 2:

- Used in the manufacture of patch cords. Enables the continuity of a very high-speed VDI (Voice-Data-Image) network
- This cable is used for the transmission of digital and analog signals for voice, data transmission and video connections



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
UF4P6PSH	Cat.6 U/FTP 4P LSZH 100-Ohm PATCH cable	5.7	42

Packaging

 1000 m /  cut to length

► CATEGORY 6 OUTDOOR NETWORK CABLES

Application

F/UTP shielded 100-ohm grade 2 cable:

- Used in the manufacture of patch cords. Enables the continuity of a very high-speed VDI (Voice-Data-Image) network
- Its aluminium foil shielding enables use in a disrupted environment and ensures correct operation up to 250 MHz
- Black PE sheath for outdoor installation



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
F4P6PE10	F/UTP 4P CAT.6 100-Ohm CABLE, Black PE	7.1	FCA	50

Packaging

 1000 m /  cut to length

Cat.6A network cables

► F/FTP CABLE

Application

F/FTP 100-Ohm cable, overall and individual pair shielding

- Used in a horizontal or vertical (backbone) configuration. Constitutes the basis of a very high-speed VDI (Voice-Data-Image) network
- This cable is used for the transmission of digital and analog signals for voice, video connections and data transmission up to 500 MHz



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
FF4P6ASH	Cat.6A F/FTP 4P LSZH 100-Ohm cable	7.4	DCA	60
FF8P6ASH	Cat.6A F/FTP 2X4P LSZH 100-Ohm cable	7.4 x 15.3	DCA	122

Packaging

 100 m /  500 m /  1000 m (for FF4P6ASH only)

VDI cables and solutions

▶ F/UTP CABLE

Application

F/UTP 100-Ohm overall shielded cable:

- ▶ Used in a horizontal or vertical (backbone) configuration, it constitutes the basis of a very high-speed VDI (Voice-Data-Image) network and features EMC immunity.
- ▶ Its shielding enables use in a disrupted environment and ensures correct operation up to 500 MHz.
- ▶ This cable is used for the transmission of digital and analog signals for voice, data transmission and video connections.



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
F4P6ASH	Cat.6a F/UTP 4P SH 100-Ohm cables	7.9	DCA	43
F8P6ASH	Cat.6a F/UTP 2X4P SH 100-Ohm cables	7.4 x 15.2	DCA	86

Packaging

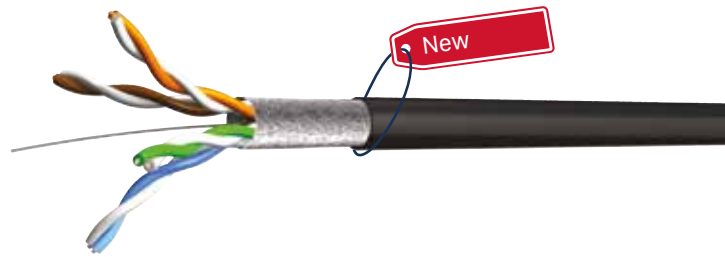
100 m New / 500 m

▶ F/UTP IN & OUT CABLE

Application

F/UTP LZSH 100-Ohm cable, black outer sheath, overall shield, for indoor/outdoor use

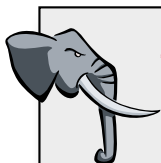
- ▶ Used in a horizontal or vertical (backbone) configuration, it constitutes the basis of a very high-speed VDI (Voice-Data-Image) network and features EMC immunity.
- ▶ Its shielding enables use in a disrupted environment and ensures correct operation up to 500 MHz.
- ▶ This cable is used for the transmission of digital and analog signals for voice, data transmission and video connections.



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
F4P6ASHINOUT5	F/UTP 4P 6A IN/OUT LSZH T.500	7	DCA	60
F4P6ASHINOUT1	F/UTP 4P 6A IN/OUT LSZH C.100	7	DCA	60

Packaging

100 m / 500 m



Did you know?

CAT.5E / CAT.6 / CAT.6A / CAT.7 CABLE PERFORMANCE

TRANSMISSION PROTOCOL

In local copper networks, the Ethernet transmission protocol is used 98% of the time. The cabling must be sized according to the planned transfer rate.

	100 MHz	250 MHz	500 MHz	600 MHz
Connection performance	CAT5E	CAT.6	CAT.6A	CAT7
Max. speed	1 Gbit/s	1 Gbit/s	10 Gbit/s	10 Gbit/s
Connector format	RJ45	RJ45	RJ45	-

VDI cables and solutions

Cat.7 network cables

Application

S/FTP 100-Ohm shielded cable, individually screened pairs:

- ▶ Used in a horizontal or vertical (backbone) configuration, it constitutes the basis of a very high-speed VDI (Voice-Data-Image) network and features EMC immunity.
- ▶ Its shielding enables use in a disrupted environment and ensures correct operation up to 600 MHz.
- ▶ Its internal structure ensures high margins for compliance with all current standards.
- ▶ This cable is used for the transmission of digital and analog signals for voice, data transmission and video connections.



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SF4P7SH	Cat.7 S/FTP 4P SH 100-Ohm cable	7.5	DCA	43
SF8P7SH	Cat.7 S/FTP 2X4P SH 100-Ohm cable	7.5 x 15.2	DCA	102

Packaging

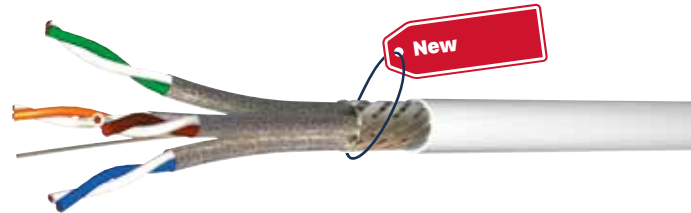
 500 m

Cat.7A network cables

Application

S/FTP 100-Ohm shielded cable, individually screened pairs:

- ▶ Used in a horizontal or vertical (backbone) configuration, it constitutes the basis of a very high-speed VDI (Voice-Data-Image) network and features EMC immunity.
- ▶ Its shielding enables use in a disrupted environment and ensures correct operation up to 1200 MHz.
- ▶ Its internal structure ensures high margins for compliance with all current standards.



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SF4P7ASH5	S/FTP 4P 7A 1200 MHz LSZH T.500	8.2	CCA	75
SF8P7ASH5	S/FTP 2x4P 7A 1200 MHz LSZH T.500	8.2x16.8	CCA	145

Packaging

 500 m



Notes

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Residential

Residential cables

► GRADE 3

Application

GRADE 3 - F/FTP cable, compliant with XPC 93-531-14, intended for:

- Residential use, i.e. installation of a very high speed VDI network in residential buildings
- The transmission of digital and analog signals for voice, data and video connections up to 900 MHz.

Specified for all new constructions since July 2003 as per the NF C 15-100 standard.



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
G34PFF	GRADE 3 F/FTP cable 4 pairs 900 MHz LSZH	8.0	DCA	60

Packaging

 100 m /  500 m /  1000 m



Download our technical data sheets at

www.id-cables.fr



Residential

- **GRADE 3 TV Dca, s2, d2, a2**
COMPLIANT WITH STANDARD XPC 93-531-17
G34PFFTV



CONDUCTOR	Single strand annealed copper AWG23/1
INSULATION	PE Skin-Foam-Skin
INDIVIDUAL SHIELD	Aluminium foil/Polyester

GROUND WIRE	Single strand tinned copper
SHIELDING	Aluminium foil/Polyester
OUTER SHEATH	LSZH – white OD 7.6 mm

Application

AWG 23 4-pair 100-Ohm cable, compliant with **XPC 93-531-17** intended for:

- Residential IP and TV use in accordance with the new XP C 90-483 standard.
- IP network: 500 MHz bandwidth for 10 Gbit/s transfer speed
- TV network: Usage frequency 2150 MHz on pair 7/8

Electrical properties

LINEAR ELECTRICAL RESISTANCE	≤ 70 Ω / km
MUTUAL CAPACITANCE (NOMINAL)	45 pF / m
TYPICAL IMPEDANCE	100 Ω
PROPAGATION SPEED	79%
TRANSMISSION PERFORMANCE	AS PER XPC 93-531-17

Physical properties

FIRE RESISTANCE	IEC 60332-1 EN 50575:2014 + A1:2016 Dca
LSZH	IEC 61034 / IEC 60754-1 & -2
TEMPERATURE WITHSTAND	-20°C / +70°C
MINIMUM BEND RADIUS	8 x cable diameter
COMPLIANT WITH	RoHS directive

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
G34PFFTV	GRADE 3 F/FTP TV 4-pairs 100-Ohm cable 2150 MHz LSZH	7.6	DCA	229

Packaging

 100 m /  500 m

Residential

Series 298

► SERIES 298 - GRADE 1

Application

Unshielded 4-pairs 100-Ohm telephone cable intended for:

- Indoor telecommunication installations



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
S298424	Series 298 4P CAT5 AWG24 SE	5.5	ECA	32

Available in Ivory and Grey

Packaging

 100 m /  500 m /  1000 m



Notes

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VDI - Connectors and accessories

19-inch data cabinets

► 19-INCH DATA CABINETS DEPTH 450 MM / 600 MM



Application

19-inch cabinet, RAL 9005 black, delivered assembled with direct wall installation system.

- ▶ Reinforced structure enabling static load up to 90 kg (22U)
- ▶ 180° front opening door
- ▶ 19-inch mounting profile with automatic grounding

PART NO.	IDENTIFICATION	NUMBER OF U	LOAD CAPACITY
IDCOF6U450	19-inch cabinet 6U D.450	6	40 kg
IDCOF9U450	19-inch cabinet 9U D.450	9	40 kg
IDCOF12U450	19-inch cabinet 12U D.450	12	50 kg
IDCOF15U450	19-inch cabinet 15U D.450	15	50 kg
IDCOF18U450	19-inch cabinet 18U D.450	18	60 kg
IDCOF22U450	19-inch cabinet 22U D.450	22	90 kg
IDCOF6U600	19-inch cabinet 6U D.600	6	40 kg
IDCOF9U600	19-inch cabinet 9U D.600	9	40 kg
IDCOF12U600	19-inch cabinet 12U D.600	12	50 kg
IDCOF15U600	19-inch cabinet 15U D.600	15	50 kg
IDCOF18U600	19-inch cabinet 18U D.600	18	60 kg
IDCOF22U600	19-inch cabinet 22U D.600	22	90 kg

► 19-INCH SERVER RACKS DEPTH 600 MM / 800 MM / 1000 MM



Application

19-inch racks with a reinforced design and structure allowing a static load up to 1500 kg for server racks

- ▶ Rack equipped with 4 mm tempered glass front door
- ▶ 3-point key lock
- ▶ Removable and lockable side panels

PART NO.	IDENTIFICATION	NUMBER OF U	LOAD CAPACITY
IDBAIE2666	26U RACK 600x600 Glass front door	26	600 kg
IDBAIE4266	42U RACK 600x600 Glass front door	42	600 kg
IDBAIE4268	42U RACK 600x800 Glass front door	42	600 kg
IDBAIE4288	42U RACK 800x800 Glass front door	42	600 kg
IDBAIESERV810	42U RACK 800x1000 Perforated front & rear doors	42	1500 kg

VDI - Connectors and accessories

19-inch accessories

► 4-WHEEL KIT FOR 19-INCH CABINET

Application

4-wheel kit for direct installation on IDCOFxUxxx cabinets

- Direct installation on purpose-built threads on the cabinet



PART NO.	IDENTIFICATION	PACKAGING
IDROULET	4-wheel kit for IDCOF cabinet	unit

► FAN KIT FOR 19-INCH CABINET

Application

Standalone fan for direct installation on cabinet structure

- DC power supply 220 V / 230 V 50 Hz - power cord supplied



PART NO.	IDENTIFICATION	PACKAGING
IDVENTIL1	Fan module for 19-inch cabinet	unit

► FASTENERS FOR 19-INCH ACCESSORIES

Application

Screws, washers and cage nuts in standard format compatible with most 19-inch accessories

- 50-piece box or 200-piece divided container with handle



PART NO.	IDENTIFICATION	PACKAGING
IDVEC50	Screws, washers and cage nuts - box of 50 pieces	50 pc
IDVEC200	Screws, washers and cage nuts - container of 200 pieces	200 pc

Packaging



► 19-INCH POWER STRIP

Application

19-inch rack-mounted 8-socket aluminium power strip - switched

- Compliant with NF 61-314 and CE-certified



PART NO.	IDENTIFICATION	PACKAGING
IDALIM8I	19-inch 8-socket aluminium power strip - switched	unit
IDALIM8	19-inch 8-socket aluminium power strip	unit

VDI - Connectors and accessories

▶ 250 MM DEPTH 1U SHELF

Application

19-inch format perforated shelf

- ▶ Accepts load up to 20 kg



PART NO.	IDENTIFICATION	PACKAGING
IDPLFIX1U250	250 mm depth 1U fixed shelf	unit

▶ CABLE PASS-THROUGH PANEL

Application

Brush cable pass-through panel used to optimise cord management

- ▶ Direct attachment with screws and cage nuts



PART NO.	IDENTIFICATION	PACKAGING
IDPASSF1U	1U 19-inch cable pass-through panel	unit

▶ 4-RING CABLE MANAGEMENT BAR

Application

19-inch cable management bar used to organise patch cords

- ▶ Direct attachment with screws and cage nuts



PART NO.	IDENTIFICATION	PACKAGING
IDGUIDC1U	1U 19-inch 4-ring cable management bar	unit

▶ 1U BLANKING PANEL

Application

Blanks off empty areas of racks or cabinets to ensure front/rear airflow

- ▶ Direct attachment with screws and cage nuts



PART NO.	IDENTIFICATION	PACKAGING
IDOB1U	1U 19-inch blanking panel	unit

VDI - Connectors and accessories

RJ45 jacks and accessories

▶ RJ45 CAT.6 JACKS



Application

Compact Cat.6 RJ45 tool-free jack for an efficient connection. Compliant with ISO 11801 Ed. 3.0

- ▶ Rapid tool-free connection and 360° grounding
- ▶ Keystone low-profile jack
- ▶ Management cap with direct visualisation of colour coding

PART NO.	IDENTIFICATION	PACKAGING
IDKJ6S	Cat.6 RJ45 tool-free jack - 360° shielded	8 pc
IDKJ6S100	Cat.6 RJ45 tool-free jack - 360° shielded in box	100 pc

Packaging



▶ RJ45 CAT.6A JACKS



Application

Compact Cat.6a RJ45 tool-free jack for an efficient connection. Compliant with ISO 11801 Ed. 3.0

- ▶ Rapid tool-free connection and 360° grounding
- ▶ Keystone low-profile jack
- ▶ Management cap compatible with large-diameter cables (especially Cat.7a and Grade 3 TV)

PART NO.	IDENTIFICATION	PACKAGING
IDKJ6AS	Cat.6a RJ45 tool-free jack - 360° shielded	?
IDKJ6AS100	Cat.6a RJ45 tool-free jack - 360° shielded in box	

Packaging



▶ 24-PORT PATCH PANEL



Application

24-port keystone patch panel, shielded with automatic grounding

- ▶ Built-in label holder numbered 1 to 24
- ▶ RAL 9005 black epoxy coating

PART NO.	IDENTIFICATION	PACKAGING
IDPAN1U24	1U 24-port patch panel	unit

VDI - Connectors and accessories

▶ CAT.6 RJ45 TERMINATION JACK 45X45



Application

Combination of a 45x45 faceplate and a Cat.6 RJ45 socket for connection at the workstation

- ▶ Pre-assembled for quick and easy connection

PART NO.	IDENTIFICATION	PACKAGING
IDPLAS6S451C	Cat.6 RJ45 tool-free jack - 360° shielded with faceplate	10 pc

▶ CAT.6A RJ45 JACK 45X45



Application

Combination of a 45x45 faceplate and a Cat.6a RJ45 socket for connection at the workstation

- ▶ Pre-assembled for quick and easy connection

PART NO.	IDENTIFICATION	PACKAGING
IDPLA6AS451C	Cat.6a RJ45 tool-free jack - 360° shielded with faceplate	10 pc

▶ RJ45 45X45 FACEPLATES

Application

1-port and 2-port 45x45 faceplates with several attachment points

- ▶ Built-in label holder for easy identification

PART NO.	IDENTIFICATION	PACKAGING
IDPLA451	RJ45 1-port faceplate, 45X45 format	10 pc
IDPLA452	RJ45 2-port faceplate, 45X45 format	10 pc

▶ 80X80 SURFACE-MOUNTED BOX FOR 45X45 FACEPLATE



Application

Surface-mounted box with location for 45x45 faceplate

- ▶ The ready-to-use kit contains the box and the front face part for a 45x45 faceplate

PART NO.	IDENTIFICATION	PACKAGING
IDSAIL80	Surface-mounted box with location for 45x45 faceplate	unit

VDI - Connectors and accessories

RJ45 connectors

► CAT.6A RJ45 FIELD CONNECTOR

Application

Cat.6a male connector allowing connection with rigid or flexible wires

- Rapid tool-free connection with management cap and 360° grounding
- Dust cap and rear bubble boot
- PCB compensation to ensure excellent performance



PART NO.	IDENTIFICATION	PACKAGING
IDCORIG6AFS	Cat.6a RJ45 tool-free field connector with 360° shielding	8 pc

► CAT.6 RJ45 PLUG - LARGE DIAMETER

Application

Specific RJ45 plug for connection of rigid wires up to AWG23

- Offset contacts to improve transmission performance



PART NO.	IDENTIFICATION	PACKAGING
IDPLUG6S	Shielded crimp-on RJ45 plug for large diameter wires	100 pc

Packaging



► BOOT FOR RJ45 PLUG

Application

Boot for RJ45 plug with tab protection

- Practical to protect assembled cords



PART NO.	IDENTIFICATION	PACKAGING
IDMANCH	Grey bubble boot for IPLUG6S	100 pc

Packaging



► CRIMP TOOL FOR RJ45 PLUG

Application

Specific RJ45 crimp tool for large diameter plugs



PART NO.	IDENTIFICATION	PACKAGING
IDPINCRJ	RJ45 crimp tool for IPLUG6S	unit

VDI - Connectors and accessories

RJ45 accessories

▶ CAT.6 RJ45 SPLITTER



Application

Male T-splitter - 1x RJ45 to 2x female RJ45 - Cat.6 10/100 base T

- ▶ Enables connection of 2 cords up to 100 base T over a single connection (pack of 2)

PART NO.	IDENTIFICATION	PACKAGING
IDDECLAT6	Cat.6 RJ45 splitter - 1x male RJ45 to 2x female RJ45	unit

▶ CAT.6A RJ45 FEMALE/FEMALE COUPLER



Application

Cat.6a shielded female/female coupler

- ▶ PCB compensation to ensure transmission performance compliant with Cat.6a

PART NO.	IDENTIFICATION	PACKAGING
IDCOUPL6A	Cat.6a RJ45 shielded female/female coupler	unit

▶ RJ45 DIN RAIL 1-PORT ACCESSORIES



Application

Fastening system for RJ45 keystone jack on DIN rail

- ▶ Direct attachment with ground connection and identification label

PART NO.	IDENTIFICATION	PACKAGING
IDRJDIN1P	RJ45 DIN rail adapter 1 port	unit

VDI - Connectors and accessories

RJ45 and HDMI cords

► CAT.6 RJ45 CORDS

Application

Cat.6 RJ45 cords of varying lengths for patch panels or terminal equipment.

- Available in different lengths
- Good electromagnetic immunity due to its FTP structure
- Overmoulded boot with tab protection



PART NO.	IDENTIFICATION	LENGTH	PACKAGING
IDCORD6005	Cat.6 FTP cord 0.5 m	0.5 m	unit
IDCORD601	Cat.6 FTP cord 1 m	1 m	unit
IDCORD602	Cat.6 FTP cord 2 m	2 m	unit
IDCORD603	Cat.6 FTP cord 3 m	3 m	unit

PART NO.	IDENTIFICATION	LENGTH	PACKAGING
IDCORD605	Cat.6 FTP cord 5 m	5 m	unit
IDCORD610	Cat.6 FTP cord 10 m	10 m	unit
IDCORD615	Cat.6 FTP cord 15 m	15 m	unit

► CAT.6A RJ45 CORDS

Application

Cat.6a RJ45 cords for connection up to 10G or Grade 3 TV.

- Available in different lengths
- Excellent electromagnetic immunity due to its S/FTP structure
- LSZH low-smoke sheath
- Overmoulded boot with tab protection



PART NO.	IDENTIFICATION	LENGTH	PACKAGING
IDCORD6A005	Cat.6a S/FTP cord LSZH 0.5 m	0.5 m	unit
IDCORD6A01	Cat.6a S/FTP cord LSZH 1 m	1 m	unit
IDCORD6A02	Cat.6a S/FTP cord LSZH 2 m	2 m	unit
IDCORD6A03	Cat.6a S/FTP cord LSZH 3 m	3 m	unit
IDCORD6A05	Cat.6a S/FTP cord LSZH 5 m	5 m	unit
IDCORD6A10	Cat.6a S/FTP cord LSZH 10 m	10 m	unit
IDCORD6A15	Cat.6a S/FTP cord LSZH 15 m	15 m	unit

► HDMI 2.0 CORD

Application

HDMI 2.0 cord for 4K audio / video transmission

- Gold-plated contacts for optimal connection



PART NO.	IDENTIFICATION	LENGTH	PACKAGING
IDCH2MI02	HDMI 2.0 Male/Male 2 m	2 m	unit
IDCH2MI03	HDMI 2.0 Male/Male 3 m	3 m	unit
IDCH2MI05	HDMI 2.0 Male/Male 5 m	5 m	unit
IDCH2MI10	HDMI 2.0 Male/Male 10 m	10 m	unit
IDCH2MI15	HDMI 2.0 Male/Male 15 m	15 m	unit
IDCH2MI20	HDMI 2.0 Male/Male 20 m	20 m	unit

VDI - Connectors and accessories

Kits and tools

► PREMIUM NETWORK TOOL KITS

Application

Full tool kit with tester to install and validate a LAN network

- ▶ 1x crimp tool for RJ plug / 1x 110 insertion tools / 1x professional cable stripping tool for LAN and COAX
- ▶ 1x USB/LAN tester / 9 Multi-modular / 2x connection lines
- ▶ 10x RJ45 plugs / 10x RJ12 plugs



PART NO.	IDENTIFICATION	PACKAGING
IDTOOLKIT1	premium network tool kit	unit

► PRO NETWORK TOOL KITS

Application

Full tool kit with tester to install and validate a LAN network with performance check

- ▶ 1x crimp tool for RJ45/RJ12/RJ11 plug / 1x 110 insertion tools / 1x basic cable stripping tool
- ▶ 1x multi-network LAN tester/ 2x connection lines
- ▶ 10x RJ45 plugs / 10x RJ12 plugs



PART NO.	IDENTIFICATION	PACKAGING
IDTOOLKIT2	Pro network tool kit	unit

► NETWORK TESTERS

Application

Continuity and network performance tester

- ▶ Practical and economic for on-site verification of installation



PART NO.	IDENTIFICATION	PACKAGING
IDTESTRJ	RJ11 and RJ45 continuity tester	unit
IDTESTRES	RJ45 network tester	unit

► CABLE STRIPPING TOOLS

Application

Tools to prepare LAN or coaxial cables with adjustable stripping blade

- ▶ Professional quality for intensive use



PART NO.	IDENTIFICATION	PACKAGING
IDDEGAIN	LAN and COAX cable stripping tools	unit

Fiber Optic

Fiber optic cables

► TIGHT-BUFFERED FIBER OPTIC FOR INDOOR / OUTDOOR USE

Application

Tight-buffered indoor / outdoor fiber optic cable intended for:

- ▶ Indoor connections or protected outdoor runs
- ▶ Inter-building connections, for installation in protected ducts or liners
- ▶ ETHERNET connections up to 100 Gb



PART NO.	IDENTIFICATION	DIAMETER	CPR	WEIGHT (KG/KM)
6FOSIEOM3	6 FO Indoor/Outdoor tight-buffered OM3 LSZH violet	6.3	ECA	46
12FOSIEOM3	12 FO Indoor/Outdoor tight-buffered OM3 LSZH violet	7.6	ECA	60
6FOSIEOS2	6 FO Indoor/Outdoor tight-buffered OS2 LSZH violet	6.3	ECA	46
12FOSIEOS2	12 FO Indoor/Outdoor tight-buffered OS2 LSZH violet	7.6	ECA	60

Packaging

 1000 m /  cut to length

► LOOSE-TUBE FIBER OPTIC FOR INDOOR / OUTDOOR USE

Application

Loose-tube indoor / outdoor fiber optic cable intended for:

- ▶ Indoor connections
- ▶ Inter-building connections, for installation in ducts
- ▶ ETHERNET connections up to 100 Gb
- ▶ Termination using a splice kit



PART NO.	IDENTIFICATION	DIAMETER	CPR	WEIGHT (KG/KM)
6FOLIEOM3	6 FO Indoor/Outdoor loose-tube OM3 LSZH black	6.5	ECA	39
12FOLIEOM3	12 FO Indoor/Outdoor loose-tube OM3 LSZH black	6.5	ECA	45
6FOLIEOS2	6 FO Indoor/Outdoor loose-tube OS2 LSZH black	6.5	ECA	39
12FOLIEOS2	12 FO Indoor/Outdoor loose-tube OS2 LSZH black	6.5	ECA	45

Packaging

 1000 m /  cut to length

Fiber Optic

Fiber optic cable

▶ OUTDOOR CENTRAL TUBE FIBER OPTIC

Application

Loose-tube outdoor fiber optic cable intended for:

- ▶ External connections ONLY
- ▶ ETHERNET connections up to 100 Gb
- ▶ Termination by fan-out or soldering



PART NO.	IDENTIFICATION	DIAMETER	WEIGHT (KG/KM)
6FOLEOS2	6 FO Outdoor loose-tube OS2 HDPE black	7.6	54
12FOLEOS2	12 FO Outdoor loose-tube OS2 HDPE black	7.6	60

Packaging

 1000 m /  cut to length

▶ OUTDOOR ARMoured CENTRAL TUBE FIBER OPTIC

Application

Loose-tube outdoor armoured fiber optic cable intended for:

- ▶ Outdoor connections ONLY, direct burial
- ▶ ETHERNET connections up to 100 Gb
- ▶ Termination by fan-out or soldering



PART NO.	IDENTIFICATION	DIAMETER	WEIGHT (KG/KM)
6FOLAEOS2	6 FO outdoor loose-tube armoured OS2 HDPE black	7.4	89
12FOLAEOS2	12 FO outdoor loose-tube armoured OS2 HDPE black	7.4	95

Packaging

 1000 m /  cut to length



Notes

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Telephone cables

SYT

► SYT AWG.24

Application

SYT telephone cable intended for:

- High-speed digital connections







PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYT124GR	1X2XAWG24	3.6	ECA	19
SYT224GR	2X2XAWG24	4.6	ECA	27
SYT324GR	3X2XAWG24	5.1	ECA	34
SYT524GR	5X2XAWG24	6.3	ECA	52
SYT724GR	7X2XAWG24	6.7	ECA	63
SYT1024GR	10X2XAWG24	7.7	ECA	97
SYT1524GR	15X2XAWG24	8.5	ECA	121
SYT2124GR	21X2XAWG24	10.3	ECA	168
SYT3024GR	30X2XAWG24	11.8	ECA	229
SYT5624GR	56X2XAWG24	15.0	ECA	366
SYT11224GR	112X2XAWG24	20.6	ECA	681
SYT224IV	2X2XAWG24 Ivory	4.6	ECA	27
SYT324IV	3X2XAWG24 Ivory	5.1	ECA	34
SYT524IV	5X2XAWG24 Ivory	6.3	ECA	52
SYT724IV	7X2XAWG24 Ivory	6.7	ECA	63

► SYT AWG.20

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYT120GR	1X2XAWG20	4.3	ECA	28
SYT220GR	2X2XAWG20	6.0	ECA	50
SYT320GR	3X2XAWG20	6.8	ECA	64
SYT520GR	5X2XAWG20	7.9	ECA	106
SYT720GR	7X2XAWG20	8.9	ECA	137
SYT1020GR	10X2XAWG20	10.3	ECA	180
SYT1520GR	15X2XAWG20	11.5	ECA	251
SYT2120GR	21X2XAWG20	13.5	ECA	333
SYT3020GR	30X2XAWG20	16.1	ECA	451
SYT5620GR	56X2XAWG20	20.7	ECA	775

Packaging

 100 m /  500 m /  1000 m /  cut to length (upwards of 7 pairs)

Telephone cables

SYS - SYT red / SYT AI / SYT 2

► SYS / SYT RED

Application

Red SYT/SYS cable for remote alarm transmission, intended for:

- Connections between smoke detectors and the fire alarm control panel

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYS120RG	1X2XAWG20*	4.0	ECA	26
SYT120RG	1X2XAWG20	4.3	ECA	28

*SYS120RG: unshielded

Packaging

 100 m /  500 m /  1000 m

► SYT AI (ANTI-INDUCTIVE)

Application

SYT AI cable with individually shielded pairs intended for:

- High-speed digital telephony connections

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYTAI220GR	2X2XAWG20	7.2	ECA	56
SYTAI320GR	3X2XAWG20	7.7	ECA	70

Packaging

 500 m /  1000 m /  cut to length

► SYT 2 (ARMOURED)

Application

SYT cable with steel armour intended for:

- High-speed digital telephony connections

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYT2524GR	5X2XAWG24	9.3	ECA	150
SYT2220GR	2X2XAWG20	9.8	ECA	147
SYT2320GR	3X2XAWG20	10.5	ECA	172

Other numbers of pairs: contact us.

Packaging

 500 m /  1000 m /  cut to length



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYT220RG	2X2XAWG20	6.0	ECA	50
SYT320RG	3X2XAWG20	6.8	ECA	64

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYTAI520GR	5X2XAWG20	9.0	ECA	99
SYTAI1020GR	10X2XAWG20	13.0	ECA	154

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SYT2520GR	5X2XAWG20	11.4	ECA	212
SYT21020GR	10X2XAWG20	15.1	ECA	317
SYT21520GR	15X2XAWG20	15.6	ECA	448

Telephone cables

Series 92 / 278 / 288

► SERIES 92

Application

Underground telephone cable intended for:

- Connection of end user subscribers to telephone distribution network
- Installations in open ground or ducts



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG)
S92206NR	1X4X6/10	5.9	FCA	35

Packaging

 100 m /  500 m

► SERIES 278

Application

Private telephone cable intended for:

- Indoor installations in buildings
- Can be installed in cable tray, stapled or glued



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG)
S278805GR	4X4X5/10	8.9	ECA	110
S2781405GR	7X4X5/10	10.6	ECA	150
S2782805GR	14X4X5/10	13.6	ECA	270

Packaging

 1000 m /  cut to length

► SERIES 288

Application

LSZH C1 telephone cable intended for:

- Indoor and outdoor high-speed delivery installations (in ducts)
- Connections between the building distributor or the operator delivery cable and the distributors/floor distributors



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG)
S288805	8P 5/10 cable - Ral.1011	8.0	CCA s1 d1 a1	84
S2881405	14P 5/10 cable - Ral.1011	10.5	CCA s1 d1 a1	120
S2882805	28P 5/10 cable - Ral.1011	12.8	CCA s1 d1 a1	200

Packaging

 1000 m /  cut to length

Telephone cables

Shielded and unshielded telemetry / modular jack cable

► SHIELDED TELEMETRY

Application

Armoured 2-pair 6/10 **outdoor** cable for connection between utility meter in residence and interface unit on property boundary:

- Enables reading of electricity meter using telemetry unit



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
TELA206NR	Shielded telemetry 2P 6/10	10.0	ECA	161

Packaging

 100 m /  500 m

► UNSHIELDED TELEMETRY

Application

Indoor 2-pair 6/10 cable for remote electricity meter reading:

- Enables reading of electricity meter using telemetry unit



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
TELNA206IV	Unshielded telemetry 2P 6/10	5.5	ECA	36

Packaging

 100 m /  500 m

► MODULAR JACK CABLE

Application

Black flat cable for telephone connections



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
CPLUG4NR	Black flat cable 4XAWG28	4.9 x 2.4	17

Available in Ivory

Packaging

 100 m

TV cables and connectors

Coaxial aerial cables

Application

Coaxial aerial cable intended for:

- ▶ Usage frequencies between 5 and 3000 MHz
- ▶ Connection for terrestrial or satellite TV reception



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
IDC17V	Indoor TV coaxial cable 17 dB CU/FE PHYS 75-Ohm PVC White	6.8	ECA	38
17P	Outdoor TV coaxial cable 17 dB CU/FE PHYS 75-Ohm PE Black	6.8	FCA	38
IDC19V	Indoor TV coaxial cable 19 dB CU/FE PHYS 75-Ohm PVC White	6.8	ECA	40
19P	Outdoor TV coaxial cable 19 dB CU/FE PHYS 75-Ohm PE Black	6.8	FCA	40

Packaging

 100 m /  500 m

F connectors

Application

F connectors intended for:

- ▶ Wiring aerial coaxial cables



PART NO.	IDENTIFICATION	PACKAGING
CMS68F	Crimp-on male F connector Ø 6.8 mm	100 pcs
RFF68F	Female-Female adapter with nut	100 pcs
BCMF	Male load cap 75 Ohm	100 pcs
CMV68F	Screw-on male F connector Ø 6.8 mm	100 pcs
CMV68FE	Screw-on sealed male F connector Ø 6.8 mm	100 pcs
PCMS68F	Crimp tool for F connector Ø 7 mm	Unit

Security cables and connectors

Fire resistant

Application

Cable certified CR1-C1 according to NF C 32-310, intended for:

- ▶ Power supply to fire safety circuits that must be sustained in case of incident (emergency lighting, lifts, etc.)



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
AF2X15	CR1-C1 cable 2x1.5 mm ²	10.0	90
AF3G15	CR1-C1 cable 3G1.5 mm ²	10.8	110
AF4G15	CR1-C1 cable 4G1.5 mm ²	12.0	140
AF5G15	CR1-C1 cable 5G1.5 mm ²	13.2	180
AF2X25	CR1-C1 cable 2x2.5 mm ²	11.2	120
AF3G25	CR1-C1 cable 3G2.5 mm ²	12.1	165
AF4G25	CR1-C1 cable 4G2.5 mm ²	13.1	205
AF5G25	CR1-C1 cable 5G2.5 mm ²	14.6	255
AF2X4	CR1-C1 cable 2x4 mm ²	11.0	160
AF3G4	CR1-C1 cable 3G4 mm ²	11.8	220
AF4G4	CR1-C1 cable 4G4 mm ²	13.2	300
AF5G4	CR1-C1 cable 5G4 mm ²	14.7	370
AF2X6	CR1-C1 cable 2x6 mm ²	13.0	220
AF3G6	CR1-C1 cable 3G6 mm ²	13.8	310
AF4G6	CR1-C1 cable 4G6 mm ²	15.2	400
AF5G6	CR1-C1 cable 5G6 mm ²	16.9	520
AF4G10	CR1-C1 cable 4G10 mm ²	18.0	720
AF5G10	CR1-C1 cable 5G10 mm ²	19.7	870
AF5G16	CR1-C1 cable 5G16 mm ²	22.8	1250

Other cross-sections and conductor quantities: contact us.

Packaging

 500 m /  1000 m

Fire resistant telephone

Application

Telephone cable certified CR1-C1 according to NF C 32-310, intended for:

- ▶ Data transmission in security circuits (alarm circuits, telemetry, remote controls)



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
AFT1P09	Telephone cable 1-pair 9/10 CR1-C1	7.0	80
AFT2P09	Telephone cable 2-pairs 9/10 CR1-C1	7.8	100
AFT3P09	Telephone cable 3-pairs 9/10 CR1-C1	10.2	170

Packaging

 500 m /  1000 m

Security cables and connectors

Coaxial for RF signals

▶ RG58

Application

50-Ohm coaxial cable intended for:

- ▶ Transmission of RF signals (Radio Frequency)



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
RG58	50-Ohm Video cable PVC black	4.95	45

Packaging

 100 m /  500 m /  1000 m

Video surveillance coaxial

▶ RG59

Application

75-Ohm video coaxial cable intended for:

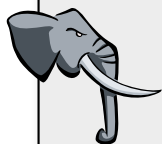
- ▶ Transmission of signals in analog video surveillance applications, maximum length 50 m



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
RG59	75-Ohm Video cable PVC black	6.15	57

Packaging

 100 m /  500 m /  1000 m



Did you know?

FLAME AND FIRE RESISTANCE

Category C2

The cable "does not propagate flames"

Category C1

The cable "does not propagate fire"

Category CR1

The cable "continues to operate in presence of a fire"

LSZH

Low Smoke Zero Halogen

Security cables and connectors

Video surveillance coaxial

► KX6

Application

75-Ohm video coaxial cable intended for:

- Transmission of signals in analog video surveillance applications, maximum length 250 m
- Fixed and mobile applications



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
KX6	KX6 75-Ohm video coaxial Green	6.1	ECA	38

Packaging

 100 m /  500 m /  1000 m

Available colours

GREEN

BLACK



► KX8

Application

75-Ohm video coaxial cable intended for:

- Transmission of signals in analog video surveillance applications, maximum length 500 m
- Fixed and mobile applications



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
KX8	KX8 75-Ohm video coaxial Green	10.3	ECA	145

Packaging

 500 m /  1000 m

► IDC75

Application

75-Ohm video coaxial cable intended for:

- Transmission of signals in analog video surveillance applications, maximum length 750 m
- Fixed and mobile applications



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
IDC75	IDC75 75-Ohm video coaxial Green	6.0	40

Packaging

 500 m /  1000 m

Security cables and connectors

Video surveillance coaxial

► IDC100

Application


75-Ohm video coaxial cable intended for:

- ▶ Transmission of signals in digital video surveillance applications, maximum length 1000 m
- ▶ Fixed and mobile applications



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
IDC100	IDC100 75-Ohm video coaxial Green	6.95	ECA	53

Packaging

 500 m /  1000 m /  cut to length

Multi-function video surveillance coaxial

► IDCKX6275

Application

The IDCKX6-275 scindex cable can handle two applications at the same time:

- ▶ Comprises a 75-Ohm coaxial cable (KX6) intended for video surveillance and a power supply cable (2 x 0.75)
- ▶ Small diameter reduces space occupation in installations where necessary



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
IDCKX6275	Coaxial scindex cable KX6 + 2 x 0.75 mm ²	11.8 x 6.1	ECA	200

Packaging

 250 m /  500 m /  1000 m /  cut to length

Lighting cable

► IDCDMX512

Application

Digital connections and DMX512 data transmission cable:

- ▶ Suited for fixed or mobile applications.
- ▶ Small diameter reduces space occupation in installations where necessary
- ▶ High resistance to interference thanks to combined shielding.



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
IDCDMX512	2-pair cable AWG22 0.34 mm ²	7	ECA	110

Packaging

 1000 m /  cut to length

Security cables and connectors

Alarm

► RIGID ALARM CABLE



Application

- The rigid alarm cable connects peripheral devices to alarm control panels
- An aluminium overall screen provides protection against surrounding electromagnetic disturbances
- Recommended for fixed applications

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
R424	Cable 4xAWG24 AE WHITE	3.6	ECA	17
R624	Cable 6xAWG24 AE WHITE	4.0	ECA	21
R824	Cable 8xAWG24 AE WHITE	4.4	ECA	27

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
R1024	Cable 10xAWG24 AE WHITE	5.0	ECA	34
R1424	Cable 14xAWG24 AE WHITE	5.4	ECA	42

Packaging

 100 m /  500 m

► FLEXIBLE ALARM CABLE



Application

- The flexible alarm cable connects peripheral devices to alarm control panels
- An aluminium overall screen provides protection against surrounding electromagnetic disturbances
- Recommended for mobile applications

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
S4AL	Cable 4x0.22 AE WHITE	3.8	ECA	17
S6AL	6x0.22 AE WHITE	4.4	ECA	21
S8AL	Cable 8X0.22 AE WHITE	4.7	ECA	26

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
S10AL	Cable 10x0.22 AE WHITE	5.5	ECA	32
S20AL	Cable 20x0.22 AE WHITE	6.7	ECA	51

Packaging

 100 m /  500 m

► COMPOSITE ALARM CABLE



Application

- The composite alarm cable connects peripheral devices to alarm control panels and carries power to the devices
- An aluminium overall screen provides protection against surrounding electromagnetic disturbances
- Carries 2 x 0.75 mm² conductors for system power supply

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
M2754	Cable 2 x 0.75 + 4 x 0.22 AE PVC WHITE	5.5	ECA	31
M2756	Cable 2 x 0.75 + 6 x 0.22 AE PVC WHITE	6.0	ECA	35
M2758	Cable 2 x 0.75 + 8 x 0.22 AE PVC WHITE	6.7	ECA	41

Packaging

 100 m /  500 m

Security cables and connectors

BNC connectors

Application

Connectors intended for:

- ▶ Wiring coaxial video surveillance and radio frequency cables



▶ BNC 75-OHM PLUG

PART NO.	IDENTIFICATION
CBNCM756	BNC male crimp-on connector for KX6, RG59
CBNCF756	BNC female crimp-on connector for KX6, RG59
CBNCM75100	BNC crimp-on connector for IDC100
CBNCM758	BNC crimp-on connector for KX8

▶ BNC 50-OHM PLUGS

PART NO.	IDENTIFICATION
CBNCM50	BNC crimp-on connector for RG58

▶ MOUNTS, WALL PENETRATIONS & UNIONS

PART NO.	IDENTIFICATION
AFF75	F/F straight connector
RTMFF75	Male / Female / Female T connector

▶ IDENTIFICATION SLEEVES

PART NO.	IDENTIFICATION
M756V	Green sleeve for KX6, RG59 & IDC75
M75100V	Green sleeve for IDC100

▶ CRIMP TOOL / STRIPPING TOOL

PART NO.	IDENTIFICATION
PBNC68	Crimp tool for RG58/KX6/RG59/KX8
PBNC100	Crimp tool for IDC100

Audio cables

Round speaker cables

Application

Round speaker cable intended for:

- Any type of fixed and mobile audio systems



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
CHPR2X15NR	Speaker cable 2 x 1.5 mm ² extra flexible BLACK	6.2	ECA	60
CHPR2X25NR	Speaker cable 2 x 2.5 mm ² extra flexible BLACK	7.4	ECA	87

Packaging

 100 m /  500 m

Flat speaker cables

Application

Flat speaker cable intended for:

- Any type of fixed and mobile audio systems
- In-line installation 100 volts



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
CHPM2X075RN	Flat speaker cable 2 x 0.75 mm ² RED/BLACK	2.1 x 4.2	ECA	25
CHPM2X075BL	Flat speaker cable 2 x 0.75 mm ² WHITE	2.1 x 4.2	ECA	25
CHPM2X075G	Flat speaker cable 2 x 0.75 mm ² GREY	2.1 x 4.2	ECA	25
CHPM2X075N	Flat speaker cable 2 x 0.75 mm ² BLACK	2.1 x 4.2	ECA	25
CHPM2X1RN	Flat speaker cable 2 x 1 mm ² RED/BLACK	2.4 x 4.8	ECA	30
CHPM2X1G	Flat speaker cable 2 x 1 mm ² GREY	2.4 x 4.8	ECA	30
CHPM2X15RN	Flat speaker cable 2 x 1.5 mm ² RED/BLACK	2.6 x 5.2	ECA	38
CHPM2X15INCOFC	Flat speaker cable 2 x 1.5 mm ² OFC PVC TRANSPARENT	3.4 x 7.8	ECA	50
CHPM2X2INCOFC	Flat speaker cable 2 x 2 mm ² OFC PVC TRANSPARENT	3.5 x 8.0	ECA	55
CHPM2X25INCOFC	Flat speaker cable 2 x 2.5 mm ² OFC PVC TRANSPARENT	3.8 x 8.6	ECA	55

Packaging

 100 m



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Drag chain cables

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Instrumentation and control cables

H05VV-F

Application

Harmonised flexible 300/500 V cable intended for:

▶ Power supply to medium-sized domestic electrical appliances

⚠ Not for use with cooking and heating equipment

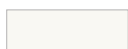


PART NO.	IDENTIFICATION	Ø MM	CPR	WEIGHT (KG/KM)
VVF2X075	H05VV-F 2 x 0.75 mm ² no G/Y	5.7 / 7.2	ECA	58
VVF2X1	H05VV-F 2 x 1 mm ² no G/Y	5.9 / 7.5	ECA	68
VVF2X15	H05VV-F 2 x 1.5 mm ² no G/Y	6.8 / 8.6	ECA	92
VVF2X25	H05VV-F 2 x 2.5 mm ² no G/Y	8.4 / 10.6	ECA	140
VVF3G075	H05VV-F 3G0.75 mm ²	6.0 / 7.6	ECA	64
VVF3G1	H05VV-F 3G1 mm ²	6.3 / 8.0	ECA	76
VVF3G15	H05VV-F 3G1.5 mm ²	7.4 / 9.4	ECA	110
VVF3G25	H05VV-F 3G2.5 mm ²	9.2 / 11.4	ECA	165
VVF4G075	H05VV-F 4G0.75 mm ²	6.6 / 8.3	ECA	78
VVF4G1	H05VV-F 4G1 mm ²	7.1 / 9.0	ECA	96
VVF4G15	H05VV-F 4G1.5 mm ²	8.4 / 10.5	ECA	135
VVF4G25	H05VV-F 4G2.5 mm ²	10.1 / 12.5	ECA	200
VVF5G075	H05VV-F 5G0.75 mm ²	7.4 / 9.3	ECA	100
VVF5G1	H05VV-F 5G1 mm ²	7.8 / 9.8	ECA	120
VVF5G15	H05VV-F 5G1.5 mm ²	9.3 / 11.6	ECA	170
VVF5G25	H05VV-F 5G2.5 mm ²	11.2 / 13.9	ECA	255

Available colours

WHITE

GREY



Packaging

 50 m /  100 m

Instrumentation and control cables

YSLY-JZ

Application



Unshielded flexible 300/500 V cable, black conductors numbered in white + G/Y ground wire, intended for:

- ▶ Cabling machine tools and production line systems
- ▶ Fixed or partially mobile indoor installations

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
YSLQZ2X050	YSLY-OZ 2 x 0.50 mm ² no G/Y	4.8	ECA	34
YSLJZ3G050	YSLY-JZ 3G0.50 mm ²	5.1	ECA	41
YSLJZ4G050	YSLY-JZ 4G0.50 mm ²	5.6	ECA	51
YSLJZ5G050	YSLY-JZ 5G0.50 mm ²	6.1	ECA	60
YSLJZ7G050	YSLY-JZ 7G0.50 mm ²	6.8	ECA	79
YSLJZ12G050	YSLY-JZ 12G0.50 mm ²	8.9	ECA	134
YSLJZ14G050	YSLY-JZ 14G0.50 mm ²	9.7	ECA	148
YSLJZ18G050	YSLY-JZ 18G0.50 mm ²	10.6	ECA	178
YSLJZ25G050	YSLY-JZ 25G0.50 mm ²	12.7	ECA	247
YSLJZ34G050	YSLY-JZ 34G0.50 mm ²	15	ECA	342
YSLJZ40G050	YSLY-JZ 40G0.50 mm ²	16.4	ECA	425
YSLQZ2X075	YSLY-OZ 2 x 0.75 mm ² no G/Y	5.2	ECA	43
YSLJZ3G075	YSLY-JZ 3G0.75 mm ²	5.6	ECA	52
YSLJZ4G075	YSLY-JZ 4G0.75 mm ²	6.0	ECA	63
YSLJZ5G075	YSLY-JZ 5G0.75 mm ²	6.8	ECA	81
YSLJZ6G075	YSLY-JZ 6G0.75 mm ²	6.8	ECA	90
YSLJZ7G075	YSLY-JZ 7G0.75 mm ²	7.4	ECA	100
YSLJZ8G075	YSLY-JZ 8G0.75 mm ²	8.9	ECA	130
YSLJZ9G075	YSLY-JZ 9G0.75 mm ²	9.4	ECA	153
YSLJZ10G075	YSLY-JZ 10G0.75 mm ²	9.6	ECA	145
YSLJZ12G075	YSLY-JZ 12G0.75 mm ²	10.0	ECA	179
YSLJZ15G075	YSLY-JZ 15G0.75 mm ²	11.1	ECA	206
YSLJZ18G075	YSLY-JZ 18G0.75 mm ²	11.8	ECA	255
YSLJZ19G075	YSLY-JZ 19G0.75 mm ²	11.8	ECA	261
YSLJZ21G075	YSLY-JZ 21G0.75 mm ²	12.9	ECA	291
YSLJZ25G075	YSLY-JZ 25G0.75 mm ²	13.9	ECA	354
YSLJZ27G075	YSLY-JZ 27G0.75 mm ²	14.6	ECA	389
YSLJZ34G075	YSLY-JZ 34G0.75 mm ²	16.0	ECA	474
YSLJZ37G075	YSLY-JZ 37G0.75 mm ²	16.3	ECA	501
YSLJZ41G075	YSLY-JZ 41G0.75 mm ²	17.9	ECA	533
YSLJZ50G075	YSLY-JZ 50G0.75 mm ²	19.2	ECA	693
YSLJOZ2X1	YSLY-OZ 2 x 1 mm ² no G/Y	5.5	ECA	50
YSLJZ3G1	YSLY-JZ 3G1 mm ²	5.9	ECA	61
YSLJZ4G1	YSLY-JZ 4G1 mm ²	6.6	ECA	78
YSLJZ5G1	YSLY-JZ 5G1 mm ²	7.2	ECA	95
YSLJZ6G1	YSLY-JZ 6G1 mm ²	8.1	ECA	114
YSLJZ7G1	YSLY-JZ 7G1 mm ²	8.1	ECA	124

Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
YSLJZ8G1	YSLY-JZ 8G1 mm ²	8.1	ECA	157
YSLJZ9G1	YSLY-JZ 9G1 mm ²	10	ECA	182
YSLJZ10G1	YSLY-JZ 10G1 mm ²	10.2	ECA	184
YSLJZ12G1	YSLY-JZ 12G1 mm ²	10.5	ECA	212
YSLJZ14G1	YSLY-JZ 14G1 mm ²	11.4	ECA	232
YSLJZ16G1	YSLY-JZ 16G1 mm ²	12.0	ECA	262
YSLJZ18G1	YSLY-JZ 18G1 mm ²	12.9	ECA	290
YSLJZ19G1	YSLY-JZ 19G1 mm ²	12.9	ECA	313
YSLJZ20G1	YSLY-JZ 20G1 mm ²	13.7	ECA	334
YSLJZ25G1	YSLY-JZ 25G1 mm ²	14.7	ECA	426
YSLJZ27G1	YSLY-JZ 27G1 mm ²	15.5	ECA	468
YSLJZ34G1	YSLY-JZ 34G1 mm ²	17.2	ECA	580
YSLJZ37G1	YSLY-JZ 37G1 mm ²	17.5	ECA	613
YSLJZ41G1	YSLY-JZ 41G1 mm ²	19.0	ECA	651
YSLJZ42G1	YSLY-JZ 42G1 mm ²	19.0	ECA	710
YSLJZ50G1	YSLY-JZ 50G1 mm ²	20.7	ECA	846
YSLJZ65G1	YSLY-JZ 65G1 mm ²	23.2	ECA	987
YSLJZ8G15	YSLY-JZ 8G1.5 mm ²	8.1	ECA	157
YSLJZ9G15	YSLY-JZ 9G1.5 mm ²	10	ECA	182
YSLJZ10G15	YSLY-JZ 10G1.5 mm ²	10.2	ECA	184
YSLJZ12G15	YSLY-JZ 12G1.5 mm ²	10.5	ECA	212
YSLJZ14G15	YSLY-JZ 14G1.5 mm ²	11.4	ECA	232
YSLJZ16G15	YSLY-JZ 16G1.5 mm ²	12.0	ECA	262
YSLJZ18G15	YSLY-JZ 18G1.5 mm ²	12.9	ECA	290
YSLJZ19G15	YSLY-JZ 19G1.5 mm ²	12.9	ECA	313
YSLJZ20G15	YSLY-JZ 20G1.5 mm ²	13.7	ECA	334
YSLJZ25G15	YSLY-JZ 25G1.5 mm ²	14.7	ECA	426
YSLJZ27G15	YSLY-JZ 27G1.5 mm ²	15.5	ECA	468
YSLJZ34G15	YSLY-JZ 34G1.5 mm ²	17.2	ECA	580
YSLJZ37G15	YSLY-JZ 37G1.5 mm ²	17.5	ECA	613
YSLJZ41G15	YSLY-JZ 41G1.5 mm ²	19.0	ECA	651
YSLJZ42G15	YSLY-JZ 42G1.5 mm ²	19.0	ECA	710
YSLJZ50G15	YSLY-JZ 50G1.5 mm ²	20.7	ECA	846
YSLJZ65G15	YSLY-JZ 65G1.5 mm ²	23.2	ECA	987
YSLJZ3G15	YSLY-JZ 3G1.5 mm ²	6.7	ECA	84
YSLJZ4G15	YSLY-JZ 4G1.5 mm ²	7.3	ECA	104
YSLJZ5G15	YSLY-JZ 5G1.5 mm ²	8.0	ECA	132
YSLJZ6G15	YSLY-JZ 6G1.5 mm ²	8.5	ECA	149
YSLJZ7G15	YSLY-JZ 7G1.5 mm ²	8.9	ECA	167
YSLJZ8G15	YSLY-JZ 8G1.5 mm ²	10.5	ECA	206
YSLJZ9G15	YSLY-JZ 9G1.5 mm ²	10	ECA	182
YSLJZ10G15	YSLY-JZ 10G1.5 mm ²	11.2	ECA	245
YSLJZ12G15	YSLY-JZ 12G1.5 mm ²	11.9	ECA	294
YSLJZ14G15	YSLY-JZ 14G1.5 mm ²	12.8	ECA	309
YSLJZ16G15	YSLY-JZ 16G1.5 mm ²	13.7	ECA	355
YSLJZ18G15	YSLY-JZ 18G1.5 mm ²	14.4	ECA	432
YSLJZ19G15	YSLY-JZ 19G1.5 mm ²	14.4	ECA	442
YSLJZ21G15	YSLY-JZ 21G1.5 mm ²	16.1	ECA	484
YSLJZ25G15	YSLY-JZ 25G1.5 mm ²	16.8	ECA	596
YSLJZ27G15	YSLY-JZ 27G1.5 mm ²	17.8	ECA	654
YSLJZ32G15	YSLY-JZ 32G1.5 mm ²	19.3	ECA	698
YSLJZ34G15	YSLY-JZ 34G1.5 mm ²	18.9	ECA	722
YSLJZ42G15	YSLY-JZ 42G1.5 mm ²	21.4	ECA	979
YSLJZ50G15	YSLY-JZ 50G1.5 mm ²	23.6	ECA	1176
YSLJZ3G25	YSLY-JZ 3G2.5 mm ²	8.2	ECA	128
YSLJZ4G25	YSLY-JZ 4G2.5 mm ²	8.9	ECA	154
YSLJZ5G25	YSLY-JZ 5G2.5 mm ²	10.0	ECA	200
YSLJZ7G25	YSLY-JZ 7G2.5 mm ²	11.1	ECA	250
YSLJZ8G25	YSLY-JZ 8G2.5 mm ²	13.2	ECA	331
YSLJZ8G1	YSLY-OZ 2 x 1.5 mm ² no G/Y	6.3	ECA	68
YSLJZ8G25	YSLY-OZ 2 x 2.5 mm ² no G/Y	7.5	ECA	101

Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
YSLJZ10G25	YSLY-JZ 10G2.5 mm ²	14.1	ECA	375
YSLJZ12G25	YSLY-JZ 12G2.5 mm ²	14.8	ECA	438
YSLJZ14G25	YSLY-JZ 14G2.5 mm ²	16	ECA	503
YSLJZ18G25	YSLY-JZ 18G2.5 mm ²	17.7	ECA	629
YSLJZ25G25	YSLY-JZ 25G2.5 mm ²	20.7	ECA	852
YSLJZ34G25	YSLY-JZ 34G2.5 mm ²	24.6	ECA	1150
YSLJZ3G4	YSLY-JZ 3G4 mm ²	9.7	ECA	193
YSLJZ4G4	YSLY-JZ 4G4 mm ²	10.7	ECA	242
YSLJZ5G4	YSLY-JZ 5G4 mm ²	11.7	ECA	302
YSLJZ7G4	YSLY-JZ 7G4 mm ²	13.4	ECA	390
YSLJZ3G6	YSLY-JZ 3G6 mm ²	11.5	ECA	276
YSLJZ4G6	YSLY-JZ 4G6 mm ²	12.8	ECA	342
YSLJZ5G6	YSLY-JZ 5G6 mm ²	14.3	ECA	427
YSLJZ7G6	YSLY-JZ 7G6 mm ²	16.0	ECA	550
YSLJZ4G10	YSLY-JZ 4G10 mm ²	16.1	ECA	573
YSLJZ5G10	YSLY-JZ 5G10 mm ²	18.2	ECA	712
YSLJZ7G10	YSLY-JZ 7G10 mm ²	20.1	ECA	931
YSLJZ4G16	YSLY-JZ 4G16 mm ²	18.6	ECA	952
YSLJZ5G16	YSLY-JZ 5G16 mm ²	22.4	ECA	1153
YSLJZ7G16	YSLY-JZ 7G16 mm ²	25.6	ECA	1497
YSLJZ4G25MM	YSLY-JZ 4G25 mm ²	25.7	ECA	1454
YSLJZ5G25MM	YSLY-JZ 5G25 mm ²	28.7	ECA	1778
YSLJZ4G35	YSLY-JZ 4G35 mm ²	27.2	ECA	1972
YSLJZ5G35	YSLY-JZ 5G35 mm ²	33.1	ECA	2542

Packaging

 50 m /
  100 m /
  500 m /
  1000 m /
  LL (Long Length) /
  cut to length

Instrumentation and control cables

YSLY-JZ-CY



Application

Flexible cable with tinned copper braid shield 300/500 V, black conductors numbered in white + G/Y ground wire intended for:

- ▶ Cabling industrial equipment in environments affected by high electromagnetic disturbances
- ▶ Fixed or partially mobile indoor installations


PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
YSLJZCY2X050	YSLY-OZ-CY 2 x 0.50 mm ² no G/Y	5.4	40
YSLJZCY3G050	YSLY-JZ-CY 3G0.50 mm ²	5.7	56
YSLJZCY4G050	YSLY-JZ-CY 4G0.50 mm ²	6.3	77
YSLJZCY5G050	YSLY-JZ-CY 5G0.50 mm ²	6.5	90
YSLJZCY7G050	YSLY-JZ-CY 7G0.50 mm ²	7.5	112
YSLJZCY12G050	YSLY-JZ-CY 12G0.50 mm ²	9.6	177
YSLJZCY18G050	YSLY-JZ-CY 18G0.50 mm ²	11.4	237
YSLJZCY25G050	YSLY-JZ-CY 25G0.50 mm ²	13.6	350
YSLJZCY2X075	YSLY-OZ-CY 2 x 0.75 mm ² no G/Y	5.9	59
YSLJZCY3G075	YSLY-JZ-CY 3G0.75 mm ²	6.2	67
YSLJZCY3X075	YSLY-JZ-CY 3 x 0.75 mm ² no G/Y	6.2	67
YSLJZCY4G075	YSLY-JZ-CY 4G0.75 mm ²	6.8	81
YSLJZCY4X075	YSLY-JZ-CY 4 x 0.75 mm ² no G/Y	6.8	81
YSLJZCY5G075	YSLY-JZ-CY 5G0.75 mm ²	7.5	100
YSLJZCY7G075	YSLY-JZ-CY 7G0.75 mm ²	8.2	122
YSLJZCY8G075	YSLY-JZ-CY 8G0.75 mm ²	9.6	159
YSLJZCY10G075	YSLY-JZ-CY 10G0.75 mm ²	10.3	164
YSLJZCY12G075	YSLY-JZ-CY 12G0.75 mm ²	10.8	210
YSLJZCY18G075	YSLY-JZ-CY 18G0.75 mm ²	12.5	287
YSLJZCY25G075	YSLY-JZ-CY 25G0.75 mm ²	15.1	416
YSLJZCY34G075	YSLY-JZ-CY 34G0.75 mm ²	16.8	471
YSLJZCY2X1	YSLY-OZ-CY 2 x 1 mm ² no G/Y	6.3	66
YSLJZCY3G1	YSLY-JZ-CY 3G1 mm ²	6.5	90
YSLJZCY3X1	YSLY-JZ-CY 3 x 1 mm ² no G/Y	6.5	90
YSLJZCY4G1	YSLY-JZ-CY 4G1 mm ²	7.2	109
YSLJZCY4X1	YSLY-JZ-CY 4 x 1 mm ² no G/Y	7.2	109
YSLJZCY5G1	YSLY-JZ-CY 5G1 mm ²	8.0	116
YSLJZCY7G1	YSLY-JZ-CY 7G1 mm ²	8.7	148
YSLJZCY12G1	YSLY-JZ-CY 12G1 mm ²	11.4	262
YSLJZCY18G1	YSLY-JZ-CY 18G1 mm ²	13.7	378
YSLJZCY25G1	YSLY-JZ-CY 25G1 mm ²	16.2	541
YSLJZCY2X15	YSLY-OZ-CY 2 x 1.5 mm ² no G/Y	6.9	90
YSLJZCY3G15	YSLY-JZ-CY 3G1.5 mm ²	7.4	115
YSLJZCY4G15	YSLY-JZ-CY 4G1.5 mm ²	8.1	153
YSLJZCY5G15	YSLY-JZ-CY 5G1.5 mm ²	8.9	176
YSLJZCY7G15	YSLY-JZ-CY 7G1.5 mm ²	9.6	220

Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
YSLJZCY12G15	YSLY-JZ-CY 12G1.5 mm ²	12.9	340
YSLJZCY18G15	YSLY-JZ-CY 18G1.5 mm ²	15.3	499
YSLJZCY25G15	YSLY-JZ-CY 25G1.5 mm ²	17.9	688
YSL0ZCY2X25	YSLY-OZ-CY 2 x 2.5 mm ² no G/Y	8.6	140
YSLJZCY3G25	YSLY-JZ-CY 3G2.5 mm ²	8.9	167
YSLJZCY4G25	YSLY-JZ-CY 4G2.5 mm ²	9.7	216
YSLJZCY5G25	YSLY-JZ-CY 5G2.5 mm ²	10.7	253
YSLJZCY7G25	YSLY-JZ-CY 7G2.5 mm ²	11.9	326
YSLJZCY12G25	YSLY-JZ-CY 12G2.5 mm ²	15.8	545
YSLJZCY4G4	YSLY-JZ-CY 4G4 mm ²	12.0	284
YSLJZCY4G6	YSLY-JZ-CY 4G6 mm ²	14.2	385
YSLJZCY4G10	YSLY-JZ-CY 4G10 mm ²	17.2	663
YSLJZCY4G16	YSLY-JZ-CY 4G16 mm ²	20.2	984

Other numbers of conductors and cross-sections: contact us.

Packaging

 500 m /  1000 m /  cut to length



Download our technical data sheets at

www.id-cables.fr



Instrumentation and control cables

OZ/JZNBESH - Halogen-free unshielded cables

Application

Unshielded flexible 300/500 V cable, black conductors numbered in white + G/Y ground wire

- ▶ Mainly used in public-access areas
- ▶ LSZH sheath



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
OZNB2X075SH	OZ 2 x 0.75 mm ² LSZH unshielded	5.4	43
JZNB3G075SH	JZ 3G0.75 mm ² LSZH unshielded	5.7	52
JZNB4G075SH	JZ 4G0.75 mm ² LSZH unshielded	6.2	66
JZNB5G075SH	JZ 5G0.75 mm ² LSZH unshielded	6.9	80
JZNB7G075SH	JZ 7G0.75 mm ² LSZH unshielded	7.7	104
JZNB12G075SH	JZ 12G0.75 mm ² LSZH unshielded	10	177
JZNB25G075SH	JZ 25G0.75 mm ² LSZH unshielded	14.2	356
OZNB2X1SH	OZ 2 x 1 mm ² LSZH unshielded	5.9	50
JZNB3G1SH	JZ 3G1 mm ² LSZH unshielded	6.1	64
JZNB4G1SH	JZ 4G1 mm ² LSZH unshielded	6.7	79
JZNB5G1SH	JZ 5G1 mm ² LSZH unshielded	7.4	95
JZNB7G1SH	JZ 7G1 mm ² LSZH unshielded	8.2	123
JZNB12G1SH	JZ 12G1 mm ² LSZH unshielded	11	209
JZNB18G1SH	JZ 18G1 mm ² LSZH unshielded	13	313
JZNB25G1SH	JZ 25G1 mm ² LSZH unshielded	15.2	432
OZNB2X15SH	OZ 2 x 1.5 mm ² LSZH unshielded	6.3	68
JZNB3G15SH	JZ 3G1.5 mm ² LSZH unshielded	6.7	84
JZNB4G15SH	JZ 4G1.5 mm ² LSZH unshielded	7.5	108
JZNB5G15SH	JZ 5G1.5 mm ² LSZH unshielded	8.2	126
JZNB7G15SH	JZ 7G1.5 mm ² LSZH unshielded	9.2	161
JZNB12G15SH	JZ 12G1.5 mm ² LSZH unshielded	12.2	279
JZNB18G15SH	JZ 18G1.5 mm ² LSZH unshielded	14.5	402
JZNB25G15SH	JZ 25G1.5 mm ² LSZH unshielded	17.3	594
JZNB3G25SH	JZ 3G2.5 mm ² LSZH unshielded	8.3	131
JZNB4G25SH	JZ 4G2.5 mm ² LSZH unshielded	9.3	167
JZNB5G25SH	JZ 5G2.5 mm ² LSZH unshielded	10.2	204
JZNB7G25SH	JZ 7G2.5 mm ² LSZH unshielded	11.4	262
JZNB12G25SH	JZ 12G2.5 mm ² LSZH unshielded	15.3	475
JZNB3G4SH	JZ 3G4 mm ² LSZH unshielded	10	194
JZNB3G6SH	JZ 3G6 mm ² LSZH unshielded	11.7	303
JZNB5G6SH	JZ 5G6 mm ² LSZH unshielded	14.5	480

Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
JZNB4G10SH	JZ 4G10 mm ² LSZH unshielded	16.8	616
JZNB5G10SH	JZ 5G10 mm ² LSZH unshielded	18.7	766
JZNB4G16SH	JZ 4G16 mm ² LSZH unshielded	20.6	908
JZNB5G16SH	JZ 5G16 mm ² LSZH unshielded	22.5	1134
JZNB4G25MM2SH	JZ 4G25 mm ² LSZH unshielded	25.3	1538
JZNB4G35SH	JZ 4G35 mm ² LSZH unshielded	28.5	2086

Other numbers of conductors and cross-sections: contact us.

Packaging

 1000 m /  cut to length



Notes

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Instrumentation and control cables

OZ/JZBLSH - Halogen-free shielded cables



New

Application



Shielded flexible 300/500 V cable, black conductors numbered in white + G/Y ground wire

- ▶ Mainly used in public-access areas
- ▶ LSZH sheath

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
OZBL2X075SH	OZ 2 x 0.75 mm ² LSZH shielded	6	58
JZBL3G075SH	JZ 3G0.75 mm ² LSZH shielded	6.3	68
JZBL4G075SH	JZ 4G0.75 mm ² LSZH shielded	7	78
JZBL5G075SH	JZ 5G0.75 mm ² LSZH shielded	7.5	97
JZBL7G075SH	JZ 7G0.75 mm ² LSZH shielded	8.3	129
JZBL12G075SH	JZ 12G0.75 mm ² LSZH shielded	10.6	203
JZBL18G075SH	JZ 18G0.75 mm ² LSZH shielded	12.7	290
OZBL2X1SH	OZ 2 x 1 mm ² LSZH shielded	6.3	66
JZBL3G1SH	JZ 3G1 mm ² LSZH shielded	6.8	80
JZBL4G1SH	JZ 4G1 mm ² LSZH shielded	7.3	100
JZBL5G1SH	JZ 5G1 mm ² LSZH shielded	8	130
JZBL7G1SH	JZ 7G1 mm ² LSZH shielded	8.7	155
JZBL12G1SH	JZ 12G1 mm ² LSZH shielded	11.4	245
JZBL18G1SH	JZ 18G1 mm ² LSZH shielded	13.6	368
JZNB25G1SH	JZ 25G1 mm ² LSZH unshielded	15.2	432
OZBL2X15SH	OZ 2 x 1.5 mm ² LSZH shielded	7	88
JZBL3G15SH	JZ 3G1.5 mm ² LSZH shielded	7.3	99
JZBL4G15SH	JZ 4G1.5 mm ² LSZH shielded	8.2	125
JZBL5G15SH	JZ 5G1.5 mm ² LSZH shielded	8.9	158
JZBL7G15SH	JZ 7G1.5 mm ² LSZH shielded	9.8	210
JZBL12G15SH	JZ 12G1.5 mm ² LSZH shielded	12.8	340
JZBL18G15SH	JZ 18G1.5 mm ² LSZH shielded	15.4	480
JZBL25G15SH	JZ 25G1.5 mm ² LSZH shielded	17.7	668
JZBL3G25SH	JZ 3G2.5 mm ² LSZH shielded	8.9	157
JZBL4G25SH	JZ 4G2.5 mm ² LSZH shielded	9.9	196
JZBL5G25SH	JZ 5G2.5 mm ² LSZH shielded	10.8	235
JZBL7G25SH	JZ 7G2.5 mm ² LSZH shielded	11.9	311
JZBL12G25SH	JZ 12G2.5 mm ² LSZH shielded	16	500
JZBL4G4SH	JZ 4G4 mm ² LSZH shielded	11.6	291
JZBL4G6SH	JZ 4G6 mm ² LSZH shielded	13.8	437
JZBL4G10SH	JZ 4G10 mm ² LSZH shielded	17.5	685
JZBL4G16SH	JZ 4G16 mm ² LSZH shielded	20.7	972

Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
JZBL4G25MM2SH	JZ 4G25 mm ² LSZH shielded	26.5	1591

Other numbers of conductors and cross-sections: contact us.

Packaging

 1000 m /  cut to length

Download our technical data sheets at
www.id-cables.fr



Instrumentation and control cables

H05VV5-F Ex CNOMO

Application

Unshielded flexible 300 V/500 V cable, black conductors numbered in white + G/Y ground wire:

- ▶ Mainly used in the automotive industry
- ▶ Sheath offers high resistance to oils
- ▶ For installation in dry or humid environments



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
VV5FC2X075	H05VV5-F Ex CNOMO 2 x 0.75	5.7 / 7.2	43
VV5FC3G075	H05VV5-F Ex CNOMO 3G0.75	6.0 / 7.6	52
VV5FC4G075	H05VV5-F Ex CNOMO 4G0.75	6.0 / 7.6	63
VV5FC5G075	H05VV5-F Ex CNOMO 5G0.75	7.4 / 9.3	81
VV5FC7G075	H05VV5-F Ex CNOMO 7G0.75	9.0 / 11.3	90
VV5FC12G075	H05VV5-F Ex CNOMO 12G0.75	11.0 / 13.7	179
VV5FC19G075	H05VV5-F Ex CNOMO 19G0.75	13.2 / 16.4	261
VV5FC27G075	H05VV5-F Ex CNOMO 27G0.75	16.2 / 19.9	389
VV5FC2X1	H05VV5-F Ex CNOMO 2x1	5.9 / 7.5	50
VV5FC3G1	H05VV5-F Ex CNOMO 3G1	6.3 / 8.0	61
VV5FC4G1	H05VV5-F Ex CNOMO 4G1	6.9 / 8.7	78
VV5FC5G1	H05VV5-F Ex CNOMO 5G1	7.8 / 9.8	95
VV5FC7G1	H05VV5-F Ex CNOMO 7G1	9.5 / 11.8	124
VV5FC12G1	H05VV5-F Ex CNOMO 12G1	11.8 / 14.6	182
VV5FC19G1	H05VV5-F Ex CNOMO 19G1	14.0 / 17.2	313
VV5FC27G1	H05VV5-F Ex CNOMO 27G1	17.0 / 21.0	468
VV5FC37G1	H05VV5-F Ex CNOMO 37G1	19.4 / 23.8	613
VV5FC3G15	H05VV5-F Ex CNOMO 3G1.5	7.4 / 9.4	84
VV5FC4G15	H05VV5-F Ex CNOMO 4G1.5	8.2 / 10.2	104
VV5FC5G15	H05VV5-F Ex CNOMO 5G1.5	9.1 / 11.4	132
VV5FC7G15	H05VV5-F Ex CNOMO 7G1.5	11.3 / 14.1	167
VV5FC12G15	H05VV5-F Ex CNOMO 12G1.5	13.8 / 17	294
VV5FC19G15	H05VV5-F Ex CNOMO 19G1.5	16.5 / 20.3	442
VV5FC3G25	H05VV5-F Ex CNOMO 3G2.5	9.2 - 11.4	161
VV5FC4G25	H05VV5-F Ex CNOMO 4G2.5	10.1 - 13.9	167
VV5FC5G25	H05VV5-F Ex CNOMO 5G2.5	11.2 - 14.9	171

Other numbers of conductors and cross-sections: contact us.

Packaging

 1000 m /  cut to length

Instrumentation and control cables

H05VV5-F MULTI-STANDARD HAR/UL/CSA

Application

Multi-standard (HAR / UL / CSA) 300 V/500 V cable used as:

- ▶ Power cable, control cable and connections in electrical equipment, fixed position or mobile use, free moving without traction force or forced guidance
- ▶ Can be installed in dry or humid environments (even in mixtures of oils and water), outdoor only with UV protection and must not be buried underground
- ▶ Special PVC sheath offering enhanced resistance to oils



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
VV5F2X050	H05VV5-F MULTI-STANDARD 2 x 0.50 mm ² no G/Y	5.8	46
VV5F4G050	H05VV5-F MULTI-STANDARD 4G0.50 mm ²	6.7	66
VV5F2X075	H05VV5-F MULTI-STANDARD 2 x 0.75 mm ² no G/Y	6.2	55
VV5F3G075	H05VV5-F MULTI-STANDARD 3G0.75 mm ²	6.6	67
VV5F4G075	H05VV5-F MULTI-STANDARD 4G0.75 mm ²	7.2	82
VV5F5G075	H05VV5-F MULTI-STANDARD 5G0.75 mm ²	8.1	103
VV5F7G075	H05VV5-F MULTI-STANDARD 7G0.75 mm ²	9.9	151
VV5F12G075	H05VV5-F MULTI-STANDARD 12G0.75 mm ²	11.9	228
VV5F18G075	H05VV5-F MULTI-STANDARD 18G0.75 mm ²	14.1	326
VV5F25G075	H05VV5-F MULTI-STANDARD 25G0.75 mm ²	16.6	453
VV5F34G075	H05VV5-F MULTI-STANDARD 34G0.75 mm ²	19.3	613
VV5F2X1	H05VV5-F MULTI-STANDARD 2 x 1 mm ² no G/Y	6.5	63
VV5F3G1	H05VV5-F MULTI-STANDARD 3G1 mm ²	6.9	76
VV5F4G1	H05VV5-F MULTI-STANDARD 4G1 mm ²	7.7	97
VV5F5G1	H05VV5-F MULTI-STANDARD 5G1 mm ²	8.5	119
VV5F7G1	H05VV5-F MULTI-STANDARD 7G1 mm ²	10.6	180
VV5F12G1	H05VV5-F MULTI-STANDARD 12G1 mm ²	12.6	269
VV5F18G1	H05VV5-F MULTI-STANDARD 18G1 mm ²	15.1	391
VV5F25G1	H05VV5-F MULTI-STANDARD 25G1 mm ²	17.6	535
VV5F3G15	H05VV5-F MULTI-STANDARD 3G1.5 mm ²	8.2	110
VV5F4G15	H05VV5-F MULTI-STANDARD 4G1.5 mm ²	9.1	139
VV5F5G15	H05VV5-F MULTI-STANDARD 5G1.5 mm ²	10.0	170
VV5F7G15	H05VV5-F MULTI-STANDARD 7G1.5 mm ²	12.5	257
VV5F12G15	H05VV5-F MULTI-STANDARD 12G1.5 mm ²	15.0	390
VV5F18G15	H05VV5-F MULTI-STANDARD 18G1.5 mm ²	17.9	565
VV5F25G15	H05VV5-F MULTI-STANDARD 25G1.5 mm ²	20.9	776
VV5F3G25	H05VV5-F MULTI-STANDARD 3G2.5 mm ²	9.6	161
VV5F4G25	H05VV5-F MULTI-STANDARD 4G2.5 mm ²	10.7	204
VV5F5G25	H05VV5-F MULTI-STANDARD 5G2.5 mm ²	12.0	257
VV5F7G25	H05VV5-F MULTI-STANDARD 7G2.5 mm ²	14.9	383
VV5F12G25	H05VV5-F MULTI-STANDARD 12G2.5 mm ²	17.8	583
VV5F18G25	H05VV5-F MULTI-STANDARD 18G2.5 mm ²	21.3	849

Packaging

 1000 m /  cut to length

Instrumentation and control cables

H05VVC4V5-F

Application



Shielded cable used as:

- ▶ Power, control and connections on electrical equipment
- ▶ Suitable for fixed installation and mobile use, without traction force and guidance
- ▶ Can be installed in dry and humid environments (even in mixtures of oils and water), outdoors **only** with UV protection

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
VVC4V5F3G075	H05VVC4V5-F 3G0.75	8.8	127
VVC4V5F4G075	H05VVC4V5-F 4G0.75	9.6	155
VVC4V5F5G075	H05VVC4V5-F 5G0.75	10.4	185
VVC4V5F7G075	H05VVC4V5-F 7G0.75	12.2	225
VVC4V5F12G075	H05VVC4V5-F 12G0.75	14.3	354
VVC4V5F3G15	H05VVC4V5-F 3G1.5	10.4	180
VVC4V5F4G15	H05VVC4V5-F 4G1.5	11.1	210
VVC4V5F7G15	H05VVC4V5-F 7G1.5	14.4	305
VVC4V5F3G25	H05VVC4V5-F 3G2.5	12.3	244
VVC4V5F4G25	H05VVC4V5-F 4G2.5	13.5	296

Packaging

 1000 m /  cut to length

Instrumentation and control cables

H05 / H07BQ-F



Application

Flexible halogen-free 300/500 V and 450/750 V cable with polyurethane (PUR) sheath, used as:

- ▶ Connection cable in electrical equipment and in portable electrical tools, fixed position and mobile use, free moving without traction force or forced guidance
- ▶ Can be installed in dry or humid environments and outdoors if temperature ranges observed

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
H05BQ-F			
BQF2X075	H05BQ-F 2 x 0.75 mm ² no G/Y	5.7 / 7.4	53
BQF3G075	H05BQ-F 3G0.75 mm ²	6.2 / 8.1	65
BQF4G075	H05BQ-F 4G0.75 mm ²	6.8 / 8.8	82
BQF5G075	H05BQ-F 5G0.75 mm ²	7.6 / 9.9	100
BQF2X1	H05BQ-F 2 x 1 mm ² no G/Y	6.1 / 8.0	60
BQF3G1	H05BQ-F 3G1 mm ²	6.5 / 8.5	72
BQF4G1	H05BQ-F 4G1 mm ²	7.1 / 9.3	91
BQF5G1	H05BQ-F 5G1 mm ²	8.0 / 10.3	112
H07BQ-F			
BQF2X15	H07BQ-F 2 x 1.5 mm ² no G/Y	7.6 / 9.8	91
BQF3G15	H07BQ-F 3G1.5 mm ²	8.0 / 10.4	110
BQF4G15	H07BQ-F 4G1.5 mm ²	9.0 / 11.6	143
BQF5G15	H07BQ-F 5G1.5 mm ²	9.8 / 12.7	170
BQF2X25	H07BQ-F 2 x 2.5 mm ² no G/Y	9.0 / 11.6	101
BQF3G25	H07BQ-F 3G2.5 mm ²	9.6 / 12.4	160
BQF4G25	H07BQ-F 4G2.5 mm ²	10.7 / 13.8	200
BQF5G25	H07BQ-F 5G2.5 mm ²	11.9 / 15.3	260
BQF4G4	H07BQ-F 4G4 mm ²	12.7 / 16.2	277
BQF5G4	H07BQ-F 5G4 mm ²	14.1 / 17.9	345
BQF4G6	H07BQ-F 4G6 mm ²	14.2 / 18.1	414
BQF5G6	H07BQ-F 5G6 mm ²	15.7 / 20.0	518

Packaging

 500 m /  1000 m /  cut to length

Instrumentation and control cables

LIYCY 1KV (1000 volts)



Application

Flexible cable with tinned copper braid shield, 1000 V insulation, intended for:

- ▶ Power supply to high-power industrial electrical equipment
- ▶ Indoor use
- ▶ Colour code HD 308 S2

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
LIYCY1KV3G15	LIYCY 1000V 3G1.5 mm ²	9.9	ECA	160
LIYCY1KV4G15	LIYCY 1000V 4G1.5 mm ²	10.7	ECA	195
LIYCY1KV3G25	LIYCY 1000V 3G2.5 mm ²	11.5	ECA	186
LIYCY1KV4G25	LIYCY 1000V 4G2.5 mm ²	12.2	ECA	250
LIYCY1KV5G25	LIYCY 1000V 5G2.5 mm ²	13.4	ECA	300
LIYCY1KV3G4	LIYCY 1000V 3G4 mm ²	13.4	ECA	290
LIYCY1KV4G4	LIYCY 1000V 4G4 mm ²	14.6	ECA	380
LIYCY1KV3G6	LIYCY 1000V 3G6 mm ²	14.9	ECA	380
LIYCY1KV4G6	LIYCY 1000V 4G6 mm ²	16.3	ECA	470
LIYCY1KV5G6	LIYCY 1000V 5G6 mm ²	17.9	ECA	580
LIYCY1KV4G10	LIYCY 1000V 4G10 mm ²	19.2	ECA	710
LIYCY1KV4G16	LIYCY 1000V 4G16 mm ²	22.3	ECA	1010
LIYCY1KV4G25MM	LIYCY 1000V 4G25 mm ²	26.5	ECA	1460
LIYCY1KV4G35	LIYCY 1000V 4G35 mm ²	31.0	ECA	1484

Other cross-sections: contact us.

Packaging

 500 m /  1000 m /  LL (Long Length) /  cut to length

Instrumentation and control cables

YSLOZ/JZ061KV - Unshielded 600/1000 V cables



New

Application



Unshielded flexible 600/1000 V cable, black conductors numbered in white + G/Y ground wire intended for:

- ▶ Power supply to high-power industrial electrical equipment
- ▶ FIXED installation indoors or outdoors (black PVC sheath)

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
YSLOZ061KV2X075N	YSLY-OZ 2 x 0.75 mm ² 0.6/1 kV unshielded	6.6	62
YSLJZ061KV3G075N	YSLY-JZ 3G0.75 mm ² 0.6/1 kV unshielded	7	73
YSLJZ061KV4G075N	YSLY-JZ 4G0.75 mm ² 0.6/1 kV unshielded	7.6	89
YSLJZ061KV5G075N	YSLY-JZ 5G0.75 mm ² 0.6/1 kV unshielded	8.4	111
YSLJZ061KV7G075N	YSLY-JZ 7G0.75 mm ² 0.6/1 kV unshielded	9.3	140
YSLJZ061KV12G075N	YSLY-JZ 12G0.75 mm ² 0.6/1 kV unshielded	12.3	240
YSLJZ061KV18G075N	YSLY-JZ 18G0.75 mm ² 0.6/1 kV unshielded	14.5	340
YSLJZ061KV25G075N	YSLY-JZ 25G0.75 mm ² 0.6/1 kV unshielded	17.4	475
YSLOZ061KV2X1N	YSLY-OZ 2 x 1 mm ² 0.6/1 kV unshielded	7	73
YSLJZ061KV3G1N	YSLY-JZ 3G1 mm ² 0.6/1 kV unshielded	7.3	83
YSLJZ061KV4G1N	YSLY-JZ 4G1 mm ² 0.6/1 kV unshielded	8.2	108
YSLJZ061KV5G1N	YSLY-JZ 5G1 mm ² 0.6/1 kV unshielded	9.2	136
YSLJZ061KV7G1N	YSLY-JZ 7G1 mm ² 0.6/1 kV unshielded	9.9	166
YSLJZ061KV12G1N	YSLY-JZ 12G1 mm ² 0.6/1 kV unshielded	13	281
YSLJZ061KV18G1N	YSLY-JZ 18G1 mm ² 0.6/1 kV unshielded	15.7	405
YSLJZ061KV25G1N	YSLY-JZ 25G1 mm ² 0.6/1 kV unshielded	18.8	554
YSLOZ061KV2X15N	YSLY-OZ 2 x 1.5 mm ² 0.6/1 kV unshielded	8.2	99
YSLJZ061KV3G15N	YSLY-JZ 3G1.5 mm ² 0.6/1 kV unshielded	8.6	110
YSLJZ061KV4G15N	YSLY-JZ 4G1.5 mm ² 0.6/1 kV unshielded	9.6	140
YSLJZ061KV5G15N	YSLY-JZ 5G1.5 mm ² 0.6/1 kV unshielded	10.7	170
YSLJZ061KV7G15N	YSLY-JZ 7G1.5 mm ² 0.6/1 kV unshielded	11.6	220
YSLJZ061KV10G15N	YSLY-JZ 10G1.5 mm ² 0.6/1 kV unshielded	15.3	270
YSLJZ061KV12G15N	YSLY-JZ 12G1.5 mm ² 0.6/1 kV unshielded	15.5	412
YSLJZ061KV18G15N	YSLY-JZ 18G1.5 mm ² 0.6/1 kV unshielded	18.6	546
YSLJZ061KV25G15N	YSLY-JZ 25G1.5 mm ² 0.6/1 kV unshielded	22.1	771
YSLJZ061KV3G25N	YSLY-JZ 3G2.5 mm ² 0.6/1 kV unshielded	10	175
YSLJZ061KV4G25N	YSLY-JZ 4G2.5 mm ² 0.6/1 kV unshielded	11	220
YSLJZ061KV5G25N	YSLY-JZ 5G2.5 mm ² 0.6/1 kV unshielded	12.5	251
YSLJZ061KV7G25N	YSLY-JZ 7G2.5 mm ² 0.6/1 kV unshielded	13.7	331
YSLJZ061KV12G25N	YSLY-JZ 12G2.5 mm ² 0.6/1 kV unshielded	18.3	553
YSLJZ061KV18G25N	YSLY-JZ 18G2.5 mm ² 0.6/1 kV unshielded	22	788
YSLJZ061KV25G25N	YSLY-JZ 25G2.5 mm ² 0.6/1 kV unshielded	25.8	1100
YSLJZ061KV3G4N	YSLY-JZ 3G4 mm ² 0.6/1 kV unshielded	12.3	230
YSLJZ061KV4G4N	YSLY-JZ 4G4 mm ² 0.6/1 kV unshielded	13.7	310

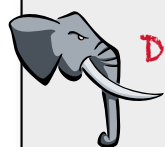
Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
YSLJZ061KV5G4N	YSLY-JZ 5G4 mm ² 0.6/1 kV unshielded	15.2	400
YSLJZ061KV7G4N	YSLY-JZ 7G4 mm ² 0.6/1 kV unshielded	16.7	501
YSLJZ061KV4G6N	YSLY-JZ 4G6 mm ² 0.6/1 kV unshielded	15.5	428
YSLJZ061KV5G6N	YSLY-JZ 5G6 mm ² 0.6/1 kV unshielded	17.3	583
YSLJZ061KV4G10N	YSLY-JZ 4G10 mm ² 0.6/1 kV unshielded	18.2	668
YSLJZ061KV5G10N	YSLY-JZ 5G10 mm ² 0.6/1 kV unshielded	20.4	820
YSLJZ061KV4G16N	YSLY-JZ 4G16 mm ² 0.6/1 kV unshielded	21.6	1109
YSLJZ061KV5G16N	YSLY-JZ 5G16 mm ² 0.6/1 kV unshielded	24.7	1616
YSLJZ061KV4G25MM2N	YSLY-JZ 4G25 mm ² 0.6/1 kV unshielded	26.4	1623
YSLJZ061KV4G35N	YSLY-JZ 4G35 mm ² 0.6/1 kV unshielded	29.1	2415
YSLJZ061KV4G50N	YSLY-JZ 4G50 mm ² 0.6/1 kV unshielded	35.6	3390
YSLJZ061KV4G70N	YSLY-JZ 4G70 mm ² 0.6/1 kV unshielded	40.7	4320
YSLJZ061KV4G95N	YSLY-JZ 4G95 mm ² 0.6/1 kV unshielded	46.2	6000
YSLJZ061KV4G120N	YSLY-JZ 4G120 mm ² 0.6/1 kV unshielded	52	7500

Other numbers of conductors and cross-sections: contact us.

Packaging

 1000 m /  cut to length



Did you know?

DESCRIPTION & NOMENCLATURE OF CONTROL CABLES

Insulation and sheath material

Y = Thermoplastic
 X = Crosslinked thermoplastic
 P = Polyurethane
 G = Elastomer
 HX = Halogen-free material

Identification

Li = Split core
 SL = Control / Welding cable
 Si = Silicone wire or cable
 AF = Flexible split core
 GL = Glass fibre braid
 FL = Flat cable

Special properties

O = Oil-resistant
 C = Braid shielding
 S = Steel braid armour
 U = Flame retardant
 W = High Temperature

E.g. LIYCY > Cable with split core, PVC insulation, braid shielding, PVC outer sheath

Instrumentation and control cables

YSLOZ/JZ-CY061KV - Shielded 600/1000 V cables

Application



Shielded flexible 600/1000 V cable, black conductors numbered in white + G/Y ground wire intended for:

- ▶ Power supply to high-power industrial electrical equipment
- ▶ FIXED installation indoors or outdoors (black PVC sheath)

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
YSLOZCY061KV2X075N	YSLY-OZ-CY 2 x 0.75 mm ² 0.6/1 kV shielded	8.6	135
YSLJZCY061KV3G075N	YSLY-JZ-CY 3G0.75 mm ² 0.6/1 kV shielded	8.9	149
YSLJZCY061KV4G075N	YSLY-JZ-CY 4G0.75 mm ² 0.6/1 kV shielded	9.7	169
YSLJZCY061KV5G075N	YSLY-JZ-CY 5G0.75 mm ² 0.6/1 kV shielded	11	197
YSLJZCY061KV7G075N	YSLY-JZ-CY 7G0.75 mm ² 0.6/1 kV shielded	12.8	315
YSLJZCY061KV12G075N	YSLY-JZ-CY 12G0.75 mm ² 0.6/1 kV shielded	15.6	410
YSLOZCY061KV2X1N	YSLY-OZ-CY 2 x 1 mm ² 0.6/1 kV shielded	9.2	150
YSLJZCY061KV3G1N	YSLY-JZ-CY 3G1 mm ² 0.6/1 kV shielded	9.7	163
YSLJZCY061KV4G1N	YSLY-JZ-CY 4G1 mm ² 0.6/1 kV shielded	10.6	198
YSLJZCY061KV5G1N	YSLY-JZ-CY 5G1 mm ² 0.6/1 kV shielded	12.4	239
YSLJZCY061KV7G1N	YSLY-JZ-CY 7G1 mm ² 0.6/1 kV shielded	13.7	335
YSLJZCY061KV12G1N	YSLY-JZ-CY 12G1 mm ² 0.6/1 kV shielded	16.4	522
YSLOZCY061KV2X15N	YSLY-OZ-CY 2 x 1.5 mm ² 0.6/1 kV shielded	10.1	181
YSLJZCY061KV3G15N	YSLY-JZ-CY 3G1.5 mm ² 0.6/1 kV shielded	11.1	205
YSLJZCY061KV4G15N	YSLY-JZ-CY 4G1.5 mm ² 0.6/1 kV shielded	12.6	240
YSLJZCY061KV5G15N	YSLY-JZ-CY 5G1.5 mm ² 0.6/1 kV shielded	13.5	286
YSLJZCY061KV7G15N	YSLY-JZ-CY 7G1.5 mm ² 0.6/1 kV shielded	15.3	383
YSLJZCY061KV12G15N	YSLY-JZ-CY 12G1.5 mm ² 0.6/1 kV shielded	19.2	690
YSLJZCY061KV18G15N	YSLY-JZ-CY 18G1.5 mm ² 0.6/1 kV shielded	22.2	806
YSLJZCY061KV25G15N	YSLY-JZ-CY 25G1.5 mm ² 0.6/1 kV shielded	25.1	1180
YSLJZCY061KV3G25N	YSLY-JZ-CY 3G2.5 mm ² 0.6/1 kV shielded	12.7	298
YSLJZCY061KV4G25N	YSLY-JZ-CY 4G2.5 mm ² 0.6/1 kV shielded	14.2	345
YSLJZCY061KV5G25N	YSLY-JZ-CY 5G2.5 mm ² 0.6/1 kV shielded	15	457
YSLJZCY061KV7G25N	YSLY-JZ-CY 7G2.5 mm ² 0.6/1 kV shielded	17.5	561
YSLJZCY061KV3G4N	YSLY-JZ-CY 3G4 mm ² 0.6/1 kV shielded	15.1	391
YSLJZCY061KV4G4N	YSLY-JZ-CY 4G4 mm ² 0.6/1 kV shielded	16	527
YSLJZCY061KV5G4N	YSLY-JZ-CY 5G4 mm ² 0.6/1 kV shielded	17.3	661
YSLJZCY061KV7G4N	YSLY-JZ-CY 7G4 mm ² 0.6/1 kV shielded	19	828
YSLJZCY061KV4G6N	YSLY-JZ-CY 4G6 mm ² 0.6/1 kV shielded	17.7	715
YSLJZCY061KV4G10N	YSLY-JZ-CY 4G10 mm ² 0.6/1 kV shielded	21.7	864
YSLJZCY061KV4G16N	YSLY-JZ-CY 4G16 mm ² 0.6/1 kV shielded	25.2	1184

Instrumentation and control cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
YSLJZCY061KV4G25MM2N	YSLY-JZ-CY 4G25 mm ² 0.6/1 kV shielded	29.8	1792
YSLJZCY061KV4G35N	YSLY-JZ-CY 4G35 mm ² 0.6/1 kV shielded	32.7	2495
YSLJZCY061KV4G50N	YSLY-JZ-CY 4G50 mm ² 0.6/1 kV shielded	39.6	4094
YSLJZCY061KV4G70N	YSLY-JZ-CY 4G70 mm ² 0.6/1 kV shielded	46	5467

Other numbers of conductors and cross-sections: contact us.

Packaging

 1000 m /  cut to length

2XSL(st)CY

Application




Flexible 600/1000 V cable used as:

- ▶ Power cable, control cable and connections for motors and frequency inverters, fixed position or mobile use, occasionally free moving without traction force or forced guidance
- ▶ The black outer PVC sheath version (for UV protection) is suitable for outdoor installation
- ▶ XLPE conductor insulation

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
2XSLCY4G15	2XSL(ST)CY-J 600/1000 V 4G1.5 mm ²	10	212
2XSLCY4G25	2XSL(ST)CY-J 600/1000 V 4G2.5 mm ²	11.2	270
2XSLCY4G4	2XSL(ST)CY-J 600/1000 V 4G4 mm ²	12.5	362
2XSLCY4G6	2XSL(ST)CY-J 600/1000 V 4G6 mm ²	15.2	582
2XSLCY4G10	2XSL(ST)CY-J 600/1000 V 4G10 mm ²	17.4	794
2XSLCY4G16	2XSL(ST)CY-J 600/1000 V 4G16 mm ²	21.2	1188
2XSLCY4G25MM	2XSL(ST)CY-J 600/1000 V 4G25 mm ²	26.3	1713
2XSLCY4G35	2XSL(ST)CY-J 600/1000 V 4G35 mm ²	29.5	2402
2XSLCY4G50	2XSL(ST)CY-J 600/1000 V 4G50 mm ²	33.8	2718
2XSLCY4G70	2XSL(ST)CY-J 600/1000 V 4G70 mm ²	39.3	3636
2XSLCY4G95	2XSL(ST)CY-J 600/1000 V 4G95 mm ²	42.9	4700
2XSLCY4G120	2XSL(ST)CY-J 600/1000 V 4G120 mm ²	51.3	5699
2XSLCY4G150	2XSL(ST)CY-J 600/1000 V 4G150 mm ²	54.7	7043
2XSLCY4G185	2XSL(ST)CY-J 600/1000 V 4G185 mm ²	62	8384
2XSLCY4G240	2XSL(ST)CY-J 600/1000 V 4G240 mm ²	68.2	11292

Packaging

 500 m /  1000 m /  cut to length

Transmission cables

LIYY

Application



Flexible unshielded cable according to colour code DIN 47100, 300/500 V, intended for:

- Data transmission in electronics and automated and measurement systems

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
LIYY2X014	LIYY 2 x 0.14 mm ²	3.1	2
LIYY3X014	LIYY 3 x 0.14 mm ²	3.2	4
LIYY4X014	LIYY 4 x 0.14 mm ²	3.5	5
LIYY5X014	LIYY 5 x 0.14 mm ²	3.9	6
LIYY6X014	LIYY 6 x 0.14 mm ²	4.2	8
LIYY7X014	LIYY 7 x 0.14 mm ²	4.3	9
LIYY8X014	LIYY 8 x 0.14 mm ²	4.6	10
LIYY10X014	LIYY 10 x 0.14 mm ²	5.2	13
LIYY12X014	LIYY 12 x 0.14 mm ²	5.6	16
LIYY14X014	LIYY 14 x 0.14 mm ²	5.8	18
LIYY16X014	LIYY 16 x 0.14 mm ²	6.1	21
LIYY21X014	LIYY 21 x 0.14 mm ²	7.0	28
LIYY24X014	LIYY 24 x 0.14 mm ²	7.3	32
LIYY40X014	LIYY 40 x 0.14 mm ²	9.3	53
LIYY2X025	LIYY 2 x 0.25 mm ²	3.8	4
LIYY3X025	LIYY 3 x 0.25 mm ²	3.9	7
LIYY4X025	LIYY 4 x 0.25 mm ²	4.3	9
LIYY5X025	LIYY 5 x 0.25 mm ²	4.7	12
LIYY6X025	LIYY 6 x 0.25 mm ²	5.0	14
LIYY7X025	LIYY 7 x 0.25 mm ²	5.1	16
LIYY8X025	LIYY 8 x 0.25 mm ²	5.7	19
LIYY10X025	LIYY 10 x 0.25 mm ²	6.4	24
LIYY12X025	LIYY 12 x 0.25 mm ²	6.7	28
LIYY14X025	LIYY 14 x 0.25 mm ²	7.2	33
LIYY16X025	LIYY 16 x 0.25 mm ²	7.5	38
LIYY18X025	LIYY 18 x 0.25 mm ²	7.9	43
LIYY21X025	LIYY 21 x 0.25 mm ²	8.9	50
LIYY24X025	LIYY 24 x 0.25 mm ²	9.6	57
LIYY25X025	LIYY 25 x 0.25 mm ²	9.8	60
LIYY36X025	LIYY 36 x 0.25 mm ²	11.1	86
LIYY40X025	LIYY 40 x 0.25 mm ²	11.7	96
LIYY2X034	LIYY 2 x 0.34 mm ²	4.2	22
LIYY3X034	LIYY 3 x 0.34 mm ²	4.4	26
LIYY4X034	LIYY 4 x 0.34 mm ²	4.8	34
LIYY5X034	LIYY 5 x 0.34 mm ²	5.5	41
LIYY6X034	LIYY 6 x 0.34 mm ²	5.7	48
LIYY7X034	LIYY 7 x 0.34 mm ²	5.9	53

Transmission cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
LIYY8X034	LIYY 8 x 0.34 mm ²	6.5	61
LIYY10X034	LIYY 10 x 0.34 mm ²	7.3	74
LIYY12X034	LIYY 12 x 0.34 mm ²	7.6	84
LIYY16X034	LIYY 16 x 0.34 mm ²	8.5	119
LIYY21X034	LIYY 21 x 0.34 mm ²	10.0	164
LIYY24X034	LIYY 24 x 0.34 mm ²	11.0	171
LIYY25X034	LIYY 25 x 0.34 mm ²	11.2	178
LIYY32X034	LIYY 32 x 0.34 mm ²	12.1	218
LIYY40X034	LIYY 40 x 0.34 mm ²	13.5	316
LIYY2X05	LIYY 2 x 0.50 mm ²	4.7	28
LIYY3X05	LIYY 3 x 0.50 mm ²	4.8	33
LIYY4X05	LIYY 4 x 0.50 mm ²	5.3	43
LIYY5X05	LIYY 5 x 0.50 mm ²	5.8	49
LIYY6X05	LIYY 6 x 0.50 mm ²	6.4	61
LIYY7X05	LIYY 7 x 0.50 mm ²	6.6	66
LIYY8X05	LIYY 8 x 0.50 mm ²	7.2	76
LIYY10X05	LIYY 10 x 0.50 mm ²	7.9	94
LIYY12X05	LIYY 12 x 0.50 mm ²	8.4	109
LIYY16X05	LIYY 16 x 0.50 mm ²	9.9	155
LIYY20X05	LIYY 20 x 0.50 mm ²	11.0	187
LIYY25X05	LIYY 25 x 0.50 mm ²	13.3	248
LIYY2X075	LIYY 2 x 0.75 mm ²	5.1	37
LIYY3X075	LIYY 3 x 0.75 mm ²	5.6	45
LIYY4X075	LIYY 4 x 0.75 mm ²	6.1	56
LIYY5X075	LIYY 5 x 0.75 mm ²	6.7	69
LIYY8X075	LIYY 8 x 0.75 mm ²	8.4	104
LIYY10X075	LIYY 10 x 0.75 mm ²	9.4	140
LIYY2X1	LIYY 2 x 1 mm ²	5.6	49

Packaging

 100 m /  500 m /  1000 m /  cut to length



Did you know?

DIN47100 COLOUR CODE FOR LIYY AND LIICY MULTI-CORE CABLES

1	white	13	white/green	25	white/black	37	grey/blue	49	white/green/black
2	brown	14	brown/green	26	brown/black	38	pink/blue	50	brown/green/black
3	green	15	white/yellow	27	grey/green	39	grey/red	51	white/yellow/black
4	yellow	16	yellow/brown	28	yellow/grey	40	pink/red	52	yellow/brown/black
5	grey	17	white/grey	29	pink/green	41	grey/black	53	white/grey/black
6	pink	18	grey/brown	30	yellow/pink	42	pink/black	54	grey/brown/black
7	blue	19	white/pink	31	green/blue	43	blue/black	55	white/pink/black
8	red	20	pink/brown	32	yellow/blue	44	red/black	56	pink/brown/black
9	black	21	white/blue	33	green/red	45	white/brown/black	57	white/blue/black
10	violet	22	brown/blue	34	yellow/red	46	yellow/green/black	58	brown/blue/black
11	grey/pink	23	white/red	35	green/black	47	grey/pink/black	59	white/red/black
12	red/blue	24	brown/red	36	yellow/black	48	red/blue/black	60	brown/red/black

Transmission cables

LIYCY

Application



Flexible cable with tinned copper braid shielding as per **DIN47100** colour code, 300/500 V intended for:

- ▶ Data transmission in electronics and automated and measurement systems
- ▶ A tinned copper braid protects the cable from electromagnetic disturbances

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
LIYCY2X014	LIYCY 2 x 0.14 mm ²	3.7	ECA	18
LIYCY3X014	LIYCY 3 x 0.14 mm ²	3.8	ECA	22
LIYCY4X014	LIYCY 4 x 0.14 mm ²	4.1	ECA	25
LIYCY5X014	LIYCY 5 x 0.14 mm ²	4.6	ECA	31
LIYCY6X014	LIYCY 6 x 0.14 mm ²	4.8	ECA	34
LIYCY7X014	LIYCY 7 x 0.14 mm ²	4.9	ECA	38
LIYCY8X014	LIYCY 8 x 0.14 mm ²	5.3	ECA	41
LIYCY10X014	LIYCY 10 x 0.14 mm ²	5.9	ECA	49
LIYCY12X014	LIYCY 12 x 0.14 mm ²	6.1	ECA	54
LIYCY14X014	LIYCY 14 x 0.14 mm ²	6.4	ECA	63
LIYCY16X014	LIYCY 16 x 0.14 mm ²	7.0	ECA	68
LIYCY21X014	LIYCY 21 x 0.14 mm ²	7.1	ECA	73
LIYCY25X014	LIYCY 25 x 0.14 mm ²	7.5	ECA	80
LIYCY36X014	LIYCY 36 x 0.14 mm ²	9.3	ECA	131
LIYCY40X014	LIYCY 40 x 0.14 mm ²	10.0	ECA	152
LIYCY50X014	LIYCY 50 x 0.14 mm ²	11.1	ECA	183
LIYCY2X025	LIYCY 2 x 0.25 mm ²	4.1	ECA	23
LIYCY3X025	LIYCY 3 x 0.25 mm ²	4.3	ECA	28
LIYCY4X025	LIYCY 4 x 0.25 mm ²	4.6	ECA	33
LIYCY5X025	LIYCY 5 x 0.25 mm ²	5.0	ECA	39
LIYCY6X025	LIYCY 6 x 0.25 mm ²	5.3	ECA	43
LIYCY7X025	LIYCY 7 x 0.25 mm ²	5.4	ECA	47
LIYCY8X025	LIYCY 8 x 0.25 mm ²	6.2	ECA	53
LIYCY10X025	LIYCY 10 x 0.25 mm ²	6.6	ECA	65
LIYCY12X025	LIYCY 12 x 0.25 mm ²	6.8	ECA	73
LIYCY14X025	LIYCY 14 x 0.25 mm ²	7.7	ECA	88
LIYCY16X025	LIYCY 16 x 0.25 mm ²	7.8	ECA	90
LIYCY18X025	LIYCY 18 x 0.25 mm ²	7.9	ECA	97
LIYCY21X025	LIYCY 21 x 0.25 mm ²	9.0	ECA	116
LIYCY24X025	LIYCY 24 x 0.25 mm ²	9.1	ECA	130
LIYCY25X025	LIYCY 25 x 0.25 mm ²	9.1	ECA	138
LIYCY36X025	LIYCY 36 x 0.25 mm ²	10.6	ECA	210
LIYCY40X025	LIYCY 40 x 0.25 mm ²	12.3	ECA	229
LIYCY50X025	LIYCY 50 x 0.25 mm ²	13.8	ECA	298
LIYCY2X034	LIYCY 2 x 0.34 mm ²	4.3	ECA	31
LIYCY3X034	LIYCY 3 x 0.34 mm ²	4.5	ECA	40
LIYCY4X034	LIYCY 4 x 0.34 mm ²	4.9	ECA	48

Transmission cables


PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
LIYCY5X034	LIYCY 5 x 0.34 mm ²	5.3	ECA	53
LIYCY6X034	LIYCY 6 x 0.34 mm ²	5.6	ECA	60
LIYCY7X034	LIYCY 7 x 0.34 mm ²	5.7	ECA	65
LIYCY8X034	LIYCY 8 x 0.34 mm ²	6.1	ECA	75
LIYCY10X034	LIYCY 10 x 0.34 mm ²	7.1	ECA	89
LIYCY12X034	LIYCY 12 x 0.34 mm ²	7.2	ECA	100
LIYCY14X034	LIYCY 14 x 0.34 mm ²	8.1	ECA	120
LIYCY16X034	LIYCY 16 x 0.34 mm ²	8.4	ECA	132
LIYCY18X034	LIYCY 18 x 0.34 mm ²	8.6	ECA	144
LIYCY19X034	LIYCY 19 x 0.34 mm ²	8.6	ECA	131
LIYCY20X034	LIYCY 20 x 0.34 mm ²	8.8	ECA	153
LIYCY24X034	LIYCY 24 x 0.34 mm ²	9.2	ECA	168
LIYCY25X034	LIYCY 25 x 0.34 mm ²	9.9	ECA	170
LIYCY27X034	LIYCY 27 x 0.34 mm ²	10.1	ECA	179
LIYCY36X034	LIYCY 36 x 0.34 mm ²	11.3	ECA	226
LIYCY37X034	LIYCY 37 x 0.34 mm ²	11.3	ECA	236
LIYCY50X034	LIYCY 50 x 0.34 mm ²	15.9	ECA	387
LIYCY2X050	LIYCY 2 x 0.50 mm ²	5.1	ECA	33
LIYCY3X050	LIYCY 3 x 0.50 mm ²	5.3	ECA	41
LIYCY4X050	LIYCY 4 x 0.50 mm ²	5.7	ECA	50
LIYCY5X050	LIYCY 5 x 0.50 mm ²	6.3	ECA	62
LIYCY6X050	LIYCY 6 x 0.50 mm ²	6.6	ECA	70
LIYCY7X050	LIYCY 7 x 0.50 mm ²	6.7	ECA	76
LIYCY8X050	LIYCY 8 x 0.50 mm ²	7.2	ECA	85
LIYCY10X050	LIYCY 10 x 0.50 mm ²	8.6	ECA	110
LIYCY12X050	LIYCY 12 x 0.50 mm ²	8.9	ECA	124
LIYCY16X050	LIYCY 16 x 0.50 mm ²	9.8	ECA	150
LIYCY18X050	LIYCY 18 x 0.50 mm ²	10.3	ECA	170
LIYCY20X050	LIYCY 20 x 0.50 mm ²	11.2	ECA	212
LIYCY24X050	LIYCY 24 x 0.50 mm ²	11.9	ECA	230
LIYCY25X050	LIYCY 25 x 0.50 mm ²	12.1	ECA	239
LIYCY2X075	LIYCY 2 x 0.75 mm ²	5.3	ECA	54
LIYCY3X075	LIYCY 3 x 0.75 mm ²	5.6	ECA	63
LIYCY4X075	LIYCY 4 x 0.75 mm ²	6.2	ECA	63
LIYCY5X075	LIYCY 5 x 0.75 mm ²	6.8	ECA	77
LIYCY6X075	LIYCY 6 x 0.75 mm ²	7.3	ECA	89
LIYCY7X075	LIYCY 7 x 0.75 mm ²	7.3	ECA	96
LIYCY8X075	LIYCY 8 x 0.75 mm ²	8.4	ECA	108
LIYCY10X075	LIYCY 10 x 0.75 mm ²	9.4	ECA	138
LIYCY12X075	LIYCY 12 x 0.75 mm ²	9.7	ECA	159
LIYCY18X075	LIYCY 18 x 0.75 mm ²	11.3	ECA	220
LIYCY19X075	LIYCY 19 x 0.75 mm ²	11.3	ECA	233
LIYCY25X075	LIYCY 25 x 0.75 mm ²	13.3	ECA	315
LIYCY27X075	LIYCY 27 x 0.75 mm ²	13.7	ECA	329

Transmission cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
LIYCY37X075	LIYCY 37 x 0.75 mm ²	15.6	ECA	450
LIYCY2X1	LIYCY 2 x 1 mm ²	5.7	ECA	61
LIYCY3X1	LIYCY 3 x 1 mm ²	6.0	ECA	76
LIYCY4X1	LIYCY 4 x 1 mm ²	6.5	ECA	93
LIYCY5X1	LIYCY 5 x 1 mm ²	7.1	ECA	114
LIYCY7X1	LIYCY 7 x 1 mm ²	7.7	ECA	143
LIYCY10X1	LIYCY 10 x 1 mm ²	10.4	ECA	170
LIYCY12X1	LIYCY 12 x 1 mm ²	10.5	ECA	248
LIYCY19X1	LIYCY 19 x 1 mm ²	12.5	ECA	358
LIYCY27X1	LIYCY 27 x 1 mm ²	14.7	ECA	506
LIYCY37X1	LIYCY 37 x 1 mm ²	17.1	ECA	660
LIYCY2X15	LIYCY 2 x 1.5 mm ²	6.5	ECA	86
LIYCY3X15	LIYCY 3 x 1.5 mm ²	6.8	ECA	104
LIYCY4X15	LIYCY 4 x 1.5 mm ²	7.4	ECA	130
LIYCY5X15	LIYCY 5 x 1.5 mm ²	8.3	ECA	140
LIYCY7X15	LIYCY 7 x 1.5 mm ²	9.3	ECA	165
LIYCY12X15	LIYCY 12 x 1.5 mm ²	12.4	ECA	275

Packaging

 50 m /
  100 m /
  500 m /
  1000 m /
  LL (Long Length) /
  cut to length



Notes

Transmission cables

0.22 M²

► MULTI-CONDUCTOR



Application

Multi-conductor cable, overall shield with aluminium tape and tinned copper braid, 250 V, intended for:

- Transmission of data signals, electronic signals, notifications and communication
- The mixed overall shielding delivers very good protection against electromagnetic disturbances

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
MCAT2022	Cable 2 x 0.22, aluminium tape + braid shield	3.8	28
MCAT4022	Cable 4 x 0.22, aluminium tape + braid shield	4.6	39
MCat.6022	Cable 6 x 0.22, aluminium tape + braid shield	5.4	52
MCAT7022	Cable 7 x 0.22, aluminium tape + braid shield	5.4	55
MCAT8022	Cable 8 x 0.22, aluminium tape + braid shield	6.0	64
MCAT10022	Cable 10 x 0.22, aluminium tape + braid shield	6.7	76
MCAT12022	Cable 12 x 0.22, aluminium tape + braid shield	7.0	89
MCAT15022	Cable 15 x 0.22, aluminium tape + braid shield	7.8	101
MCAT16022	Cable 16 x 0.22, aluminium tape + braid shield	7.8	105
MCAT20022	Cable 20 x 0.22, aluminium tape + braid shield	8.6	133
MCAT25022	Cable 25 x 0.22, aluminium tape + braid shield	9.6	154

Packaging

 500 m /  1000 m /  cut to length

► OVERALL SHIELDED MULTI-PAIR



Application

250V **multipair** cable shielded pair by pair by aluminum foil, for both individual and overall shielding:

- Data transmission in computer or electronics fields
- The mixed overall shielding delivers very high protection against electromagnetic interference

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
MPC2P022	Multi-pair cable 2P 0.22, aluminium tape + braid shield	5.6	53
MPC3P022	Multi-pair cable 3P 0.22, aluminium tape + braid shield	5.7	62
MPC4P022	Multi-pair cable 4P 0.22, aluminium tape + braid shield	6.3	71
MPC5P022	Multi-pair cable 5P 0.22, aluminium tape + braid shield	6.9	84
MPC8P022	Multi-pair cable 8P 0.22, aluminium tape + braid shield	8.1	119
MPC12P022	Multi-pair cable 12P 0.22, aluminium tape + braid shield	9.8	171
MPC15P022	Multi-pair cable 15P 0.22, aluminium tape + braid shield	10.7	207
MPC20P022	Multi-pair cable 20P 0.22, aluminium tape + braid shield	12.1	286
MPC25P022	Multi-pair cable 25P 0.22, aluminium tape + braid shield	13.8	320

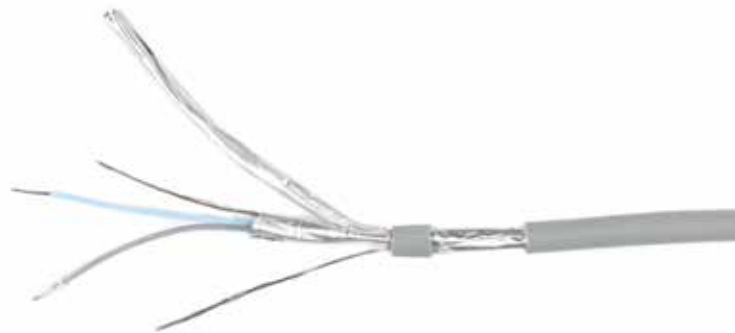
Packaging

 500 m /  1000 m /  cut to length

Transmission cables

0.22 MM²

► INDIVIDUAL AND OVERALL SHIELDED MULTI-PAIR





Application

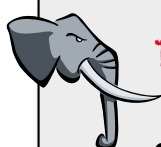
250V **multipair** cable shielded pair by pair by aluminum foil, for both individual and overall shielding, intended for:

- ▶ RS422 / RS485 serial connections or the production of cords for signal / data transmission
- ▶ The dual aluminium foil shielding delivers excellent signal protection at high frequency

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
MPI2P022	Multi-pair cable 2P 0.22, individual aluminium shield	5.9	35
MPI3P022	Multi-pair cable 3P 0.22, individual aluminium shield	6.3	47
MPI4P022	Multi-pair cable 4P 0.22, individual aluminium shield	7.1	70
MPI5P022	Multi-pair cable 5P 0.22, individual aluminium shield	7.6	82
MPI7P022	Multi-pair cable 7P 0.22, individual aluminium shield	8.6	108

Packaging

 500 m /  1000 m /  cut to length



Did you know?

CORRESPONDENCE TABLE FOR GAUGES AND CROSS-SECTIONS

AWG	mm	mm ²	AWG	mm	mm ²	AWG	mm	mm ²
30	0.254	0.0507	20	0.813	0.519	0	2.588	5.26
29	0.287	0.0647	19	0.912	0.653	9	2.906	6.631
28	0.320	0.0804	18	1.02	0.823	8	3.264	8.367
27	0.361	0.102	17	1.15	1.04	7	3.665	10.55
26	0.404	0.128	16	1.29	1.31	6	4.115	13.30
25	0.455	0.162	15	1.45	1.65	5	4.620	16.77
24	0.511	0.205	14	1.63	2.08	4	5.189	21.15
23	0.574	0.259	13	1.83	2.63	3	5.827	26.67
22	0.643	0.324	12	2.05	3.31	2	6.543	33.62
21	0.724	0.412	11	2.30	4.17	1	7.348	42.41

Transmission cables

Shielded multi-pair

▶ LIYCY-TP

Application

Multi-pair cable with 300 V tinned copper braid overall shield intended for:

- ▶ Data transmission in environments affected by **low** electromagnetic disturbances
- ▶ Assembly in pairs prevents diaphonic coupling




PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
MPC2P025	LIYCY-BP 2P 0.25 mm ²	6.3	54
MPC3P025	LIYCY-BP 3P 0.25 mm ²	6.7	66
MPC4P025	LIYCY-BP 4P 0.25 mm ²	7.0	81
MPC5P025	LIYCY-BP 5P 0.25 mm ²	8.1	96
MPC6P025	LIYCY-BP 6P 0.25 mm ²	8.5	115
MPC8P025	LIYCY-BP 8P 0.25 mm ²	9.7	130
MPC10P025	LIYCY-BP 10P 0.25 mm ²	10.8	158
MPC12P025	LIYCY-BP 12P 0.25 mm ²	11.3	190
MPC16P025	LIYCY-BP 16P 0.25 mm ²	12.7	238
MPC25P025	LIYCY-BP 25P 0.25 mm ²	15.5	298
MPC2P034	LIYCY-BP 2P 0.34 mm ²	7.2	65
MPC3P034	LIYCY-BP 3P 0.34 mm ²	7.6	79
MPC4P034	LIYCY-BP 4P 0.34 mm ²	8.2	90
MPC6P034	LIYCY-BP 6P 0.34 mm ²	9.9	130
MPC8P034	LIYCY-BP 8P 0.34 mm ²	11.3	150
MPC12P034	LIYCY-BP 12P 0.34 mm ²	13	220
MPC2P050	LIYCY-BP 2P 0.50 mm ²	7.9	93
MPC3P050	LIYCY-BP 3P 0.50 mm ²	8.5	129
MPC4P050	LIYCY-BP 4P 0.50 mm ²	9.1	146
MPC6P050	LIYCY-BP 6P 0.50 mm ²	10.8	198
MPC8P050	LIYCY-BP 8P 0.50 mm ²	12.4	259
MPC12P050	LIYCY-BP 12P 0.50 mm ²	14.5	354
MPC16P050	LIYCY-BP 16P 0.50 mm ²	16.5	459
MPC2P075	LIYCY-BP 2P 0.75 mm ²	8.4	106
MPC3P075	LIYCY-BP 3P 0.75 mm ²	8.9	140
MPC4P075	LIYCY-BP 4P 0.75 mm ²	10.2	179
MPC5P075	LIYCY-BP 5P 0.75 mm ²	10.9	215
MPC6P075	LIYCY-BP 6P 0.75 mm ²	12.1	246
MPC8P075	LIYCY-BP 8P 0.75 mm ²	14.3	305
MPC12P075	LIYCY-BP 12P 0.75 mm ²	16.0	456

Transmission cables

MPC2P1	LIYCY-P 2P 1 mm ²	9.5	142
MPC3P1	LIYCY-P 3P 1 mm ²	10.1	173
MPC4P1	LIYCY-P 4P 1 mm ²	10.5	212

Other cross-sections: contact us.

Packaging

 500 m /  1000 m /  cut to length

► LIYCY-BP

Application

Multi-pair cable with 300 V tinned copper braid individual shielding intended for:


- Data transmission in environments affected by **very high** electromagnetic disturbances



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
MPI2P034	LIYCY-BP 2P 0.34 mm ²	7.8	68
MPI3P034	LIYCY-BP 3P 0.34 mm ²	8.2	77
MPI4P034	LIYCY-BP 4P 0.34 mm ²	9.8	85
MPI5P034	LIYCY-BP 5P 0.34 mm ²	10.5	135
MPI7P034	LIYCY-BP 7P 0.34 mm ²	11.8	150
MPI2P050	LIYCY-BP 2P 0.50 mm ²	8.7	85
MPI3P050	LIYCY-BP 3P 0.50 mm ²	9.6	104
MPI4P050	LIYCY-BP 4P 0.50 mm ²	10.7	134
MPI5P050	LIYCY-BP 5P 0.50 mm ²	12.1	173
MPI2P075	LIYCY-BP 2P 0.75 mm ²	9.5	104
MPI3P075	LIYCY-BP 3P 0.75 mm ²	10.4	124
MPI4P075	LIYCY-BP 4P 0.75 mm ²	12.0	168
MPI5P075	LIYCY-BP 5P 0.75 mm ²	13.1	207

Other cross-sections: contact us.

Packaging

 500 m /  1000 m /  cut to length

Transmission cables

IDC BLN

Application

BUS RS422 / RS485 connection cables used for Building Management Systems (LON WORKS type e.g. air conditioning, lighting, etc.)



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
B7703NHT1000	1x2xAWG22 LSZH sheath	4.4	ECA	10
B8471NHT1000	1x2XAWG16 LSZH SHEATH	6.3	ECA	53
B8723NHT1000	2x2xAWG22 ALUM SHIELD / PAIR LSZH	4.6	ECA	27
B8777NHT1000	3x2xAWG22 ALUM SHIELD / PAIR LSZH	6.8	ECA	60
B9841NHT1000	1x2xAWG24 ALUM OVERALL SHIELD LSZH	5.6	ECA	33
B9842NHT1000	2x2xAWG24 ALUM OVERALL SHIELD LSZH	7.9	ECA	54

Packaging

 1000 m /  cut to length

Field Bus

► EIB BUS

Application

European Installation Bus (EIB) field bus cable intended for:

- Transmission of BMS data (Building Management System)



PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
BUSEIB	EIB BUS 2x2x0.8 - green PVC	6.0	ECA	50

Packaging

 500 m /  1000 m /  cut to length

► PVC CAN BUS

Application

Shielded industrial Bus cable, PVC sheath, intended for:

- CAN (Controller Area Network) systems



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
BUSCANPVC2P022	CAN BUS 2x2x0.22 mm ² violet PVC	7.6	68

Packaging

 1000 m /  cut to length

Transmission cables

Field BUS

► PUR CAN BUS

Application

Shielded industrial Bus cable, PUR sheath, intended for:

- CAN (Controller Area Network) systems



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
BUSCANPUR1P050	CAN BUS 1x2x0.50 mm ² violet PUR	8.0	74

Packaging

 1000 m /  cut to length

► D BUS

Application

DEVICE NET Bus cable made of:

- Shielded pair for data transmission and power pair for module power supply



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
BUSDT	DEVICE NET 1x2 AWG14 + 1x2 AWG18	11.7	215

Packaging

 1000 m /  cut to length

► PR BUS

Application

Field bus cable for PROFIBUS FMS/DP systems intended for:

- RS 485 serial connections



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
BUSPR	PROFIBUS 1x2x0.64-AWG22 violet PVC	7.9	50

Packaging

 1000 m /  cut to length

Transmission cables

INDUSTRIAL COAXIAL

▶ RG174U

Application

Lead-free coaxial cable with PVC sheath intended for:

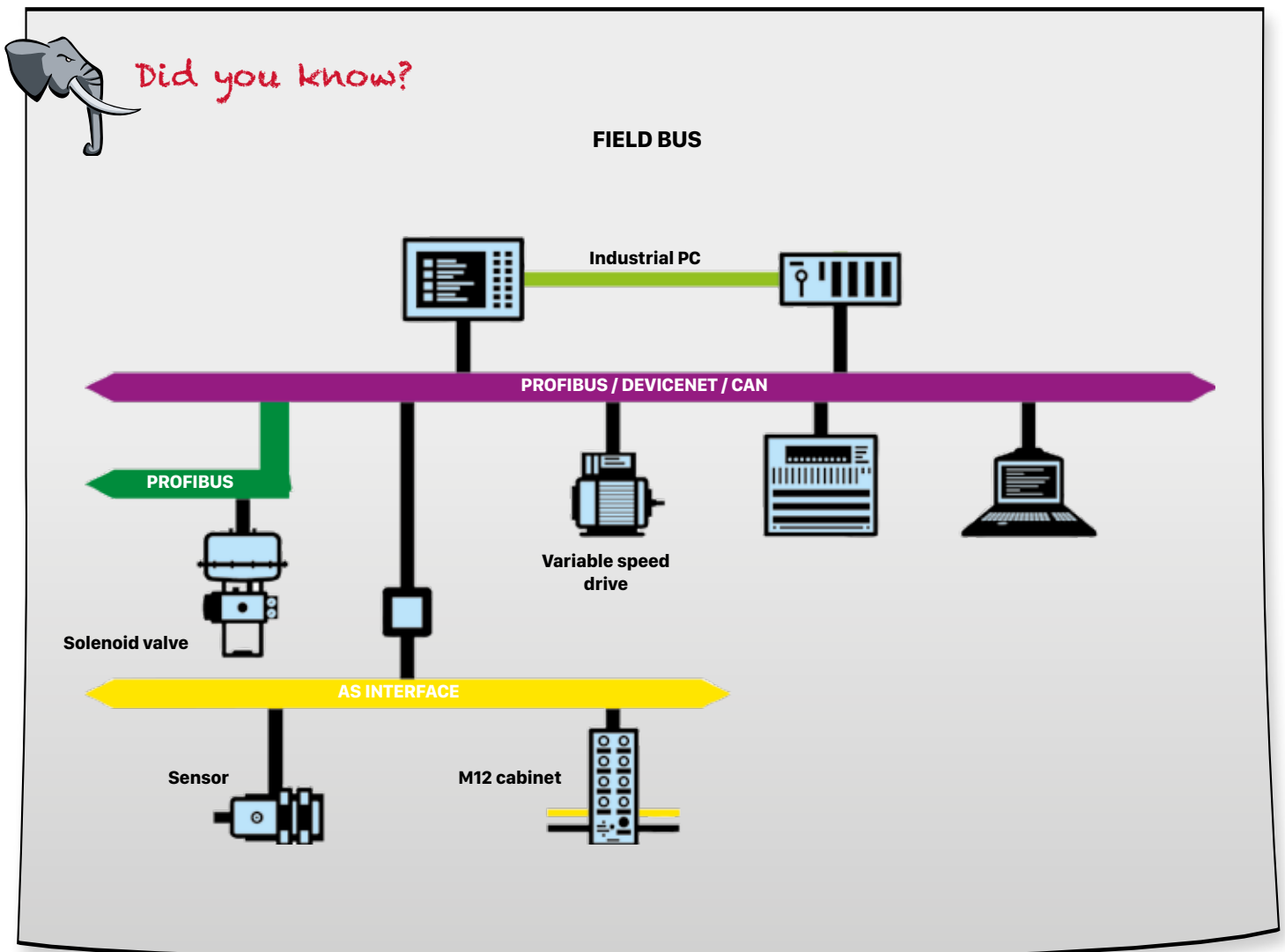
- ▶ High frequency signals especially for radio communication



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
RG174U	50-Ohm coaxial cable	2.8	12

Packaging

 1000 m /  cut to length



Harmonised cable wires

H05/H07V-K

Application

Harmonised cable wires 300/500 V and 450/750 V intended for:

- ▶ Domestic circuit equipment
- ▶ Distribution board and electrical appliance wiring



PART NO.	COLOURS	PACKAGING	IDENTIFICATION	Ø MM	CPR	WEIGHT (KG/KM)
H05V-K						
VK050			H05V-K 0.50 mm ²	2.1 / 2.5	ECA	7
VK075			H05V-K 0.75 mm ²	2.2 / 2.7	ECA	10
VK1			H05V-K 1 mm ²	2.4 / 2.8	ECA	15
H07V-K						
VK15			H07V-K 1.5 mm ²	2.8 / 3.4	ECA	22
VK25			H07V-K 2.5 mm ²	3.4 / 4.1	ECA	30
VK4			H07V-K 4 mm ²	3.9 / 4.8	ECA	66
VK6			H07V-K 6 mm ²	4.4 / 5.3	ECA	112
VK10			H07V-K 10 mm ²	5.7 / 6.8	ECA	172
VK16			H07V-K 16 mm ²	6.7 / 8.1	ECA	268
VK25MM			H07V-K 25 mm ²	8.4 / 10.2	ECA	363
VK35			H07V-K 35 mm ²	9.7 / 11.7	ECA	510
VK50			H07V-K 50 mm ²	11.5 / 13.9	ECA	700
VK70			H07V-K 70 mm ²	13.2 / 16.0	ECA	960
VK95			H07V-K 95 mm ²	15.1 / 18.2	ECA	1295
VK120			H07V-K 120 mm ²	16.7 / 20.2	ECA	1590
VK150			H07V-K 150 mm ²	18.6 / 22.5	ECA	2085
VK185			H07V-K 185 mm ²	20.6 / 24.9	ECA	2450
VK240			H07V-K 240 mm ²	23.5 / 28.4	ECA	3160

Available colours



Packaging



Harmonised cable wires

H05 / H07 / X07V2-K MULTI-STANDARDS HAR / UL / CSA

Application



Cable wire with 90°C PVC sheath 300/500 V and 450/750 V used for:

- ▶ Internal wiring of control cabinets, medical appliances, spare parts kits and for control systems.
- ▶ Installation in mechanical industry inside duct or protective tube
- ▶ Can also be used as a connection wire for motors and transformers

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
H05V2-K			
V2K075	H05V2-K 0.75 mm ²	2.7	12
V2K1	H05V2-K 1 mm ²	2.8	16
H07V2-K			
V2K15	H07V2-K 1.5 mm ²	3.2	21
V2K25	H07V2-K 2.5 mm ²	3.6	32
V2K4	H07V2-K 4 mm ²	4.3	46
V2K6	H07V2-K 6 mm ²	4.8	67
V2K10	H07V2-K 10 mm ²	6.5	128
V2K25MM	H07V2-K 25 mm ²	9.9	291
V2K35	H07V2-K 35 mm ²	11.3	390
X07V2-K			
V2K16	X07V2-K 16 mm ²	8.6	192
V2K50	X07V2-K 50 mm ²	13.5	530
V2K70	X07V2-K 70 mm ²	15.6	755

Available colours

WHITE

BLACK

GREY

RED

GREEN /
YELLOW



Packaging

 100 m /  1000 m /  cut to length

Harmonised cable wires

H05/H07Z-K

Application

HALOGEN FREE cabling wire 300/500 V and 450/750 V used for:

- ▶ Wiring telecommunication devices and spare part kits
- ▶ Protected installation in/on lighting systems



PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
H05Z-K			
ZK050	H05Z-K 0.50 mm ²	2.1 / 2.6	9
ZK075	H05Z-K 0.75 mm ²	2.2 / 2.8	11
ZK1	H05Z-K 1 mm ²	2.4 / 2.9	14
H07Z-K			
ZK15	H07Z-K 1.5 mm ²	2.8 / 3.5	20
ZK25	H07Z-K 2.5 mm ²	3.4 / 4.3	32
ZK4	H07Z-K 4 mm ²	3.9 / 4.9	46
ZK6	H07Z-K 6 mm ²	4.4 / 5.5	65
ZK10	H07Z-K 10 mm ²	5.7 / 7.1	111
ZK16	H07Z-K 16 mm ²	6.7 / 8.4	166

Available colours

WHITE

BLACK

BROWN

GREY




RED

ORANGE

GREEN /
YELLOW



Packaging

 100 m /  1000 m /  cut to length



Notes

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Harmonised cable wires

H01N2-D

► WELDING CABLE

Application




100 V cable intended for:

- Connection between the welding station and the electrode for high mechanical requirements in dry or humid environments and outdoors
- This cable is used for welding stations in industry



PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
N2D1X16	H01N2-D 1 x 16 mm ²	8.8 / 11.0	200
N2D1X25	H01N2-D 1 x 25 mm ²	10.1 / 12.7	280
N2D1X35	H01N2-D 1 x 35 mm ²	11.4 / 14.2	380
N2D1X50	H01N2-D 1 x 50 mm ²	13.2 / 16.5	550
N2D1X70	H01N2-D 1 x 70 mm ²	15.3 / 19.2	800
N2D1X95	H01N2-D 1 x 95 mm ²	17.1 / 21.4	1010
N2D1X120	H01N2-D 1 x 120 mm ²	19.2 / 24.0	1340
N2D1X150	H01N2-D 1 x 150 mm ²	21.1 / 26.4	1650

Packaging

 500 m /  1000 m /  cut to length



Download our technical data sheets at

www.id-cables.fr



Petrochemical industry cables

Instrumentation cables (NFM 87-202)

Application

500 V instrumentation cable intended for:

- ▶ Transmission of analog measurement signals in chemical, petrochemical and paper industries
- ▶ Hydrocarbon-resistant sheath



PART NO.	IDENTIFICATION	OUTER SHEATH COLOUR	SF / UNARMoured CABLE		FA / ARMoured CABLE	
			Ø MM +/- 10%	WEIGHT (KG/KM)	Ø MM +/- 10%	WEIGHT (KG/KM)
Overall shield (EG)						
03IP05EGxx	3x2x0.50 mm ²	Blue	8.4	84		
07IP05EGxx	7x2x0.50 mm ²	Blue	10.9	157		
12IP05EGxx	12x2x0.50 mm ²	Blue or grey	13.9	255	17.1	441
19IP05EGxx	19x2x0.50 mm ²	Blue	17.1	388	20.5	624
Individual shield (EI)						
01IP09EGxx	1x2x0.88 mm ²	Blue or grey	6.6	60	9.4	146
03IP09EGxx	3x2x0.88 mm ²	Blue or grey	11.2	126	14.5	261
07IP09EGxx	7x2x0.88 mm ²	Blue or grey	15.0	252	18.4	436
12IP09EGxx	12x2x0.88 mm ²	Blue or grey	19.2	412	22.8	653
19IP09EGxx	19x2x0.88 mm ²	Blue	23.6	621	27.6	936
27IP09EGxx	27x2x0.88 mm ²	Blue or grey	27.2	864	32.0	1245
Overall shield (EG)						
01IT09EGxx	1x3x0.88 mm ²	Blue or grey	7.0	70	9.8	166
07IT09EGxx	7x3x0.88 mm ²	Blue	15.8	363		
12IT09EGxx	12x3x0.88 mm ²	Blue	21.5	595		
Individual shield (EI)						
01IQ09EGxx	1x4x0.88 mm ²	Blue or grey	7.5	85	10.3	187
Individual shield (EI)						
07IP05EIxx	7x2x0.50 mm ²	Blue	17.6	339		
03IP09EIxx	3x2x0.88 mm ²	Blue	14.5	223	18.7	440
07IP09EIxx	7x2x0.88 mm ²	Blue	20.8	470		
12IP09EIxx	12x2x0.88 mm ²	Blue or grey	26	778	31.8	1184
19IP09EIxx	19x2x0.88 mm ²	Blue	32	1207	36.8	1727
27IP09EIxx	27x2x0.88 mm ²	Blue	40	1634		
Individual shield (EI)						
12IT09EIxx	12x3x0.88 mm ²	Blue	29.4	970		

Other cross-sections: contact us.

Packaging

 500 m /
  1000 m /
  LL (Long Length) /
  cut to length

Petrochemical industry cables



Did you know?

INSTRUMENTATION CABLE NAMING CONVENTION

Series 1	Series 2	Series 3	Series 4	Series 5	Series 6
01	IP	09	EG	SF	G

First series: Number of elements

01 = 1 element
03 = 3 elements
07 = 7 elements etc.

Second series: Nature of elements

IP = Pair, **IT** = 3 wires, **IQ** = 4 wires

Third series: Cross-section

05 = 0.50 mm², **09** = 0.88 mm²

Fourth series: Nature of shielding

EG = Overall shield, **EI** = Individual shield + overall shield

Fifth series: Nature of mechanical protection

SF = No steel foil, **FA** = With steel foil

Sixth series: Colour of sheath

Default: Blue sheath
G = Grey



Solar cables

PHOTOVOLTAIC SOLZ2Z2K

Application

EN 50618 compliant flexible cables for photovoltaic applications

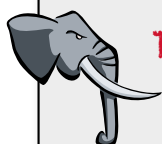


PART NO.	IDENTIFICATION	Ø MM +/- 10%	CPR	WEIGHT (KG/KM)
SOLZ2Z2K4	Photovoltaic cable 1 x 4 mm ²	5.5	DCA	62
SOLZ2Z2K6	Photovoltaic cable 1 x 6 mm ²	6.2	DCA	86

Other cross-sections and colours: contact us.

Packaging

 100 m /  500 m



Did you know?

RENEWABLE AND ENVIRONMENTAL ENERGIES

All our cables also satisfy environmental directives imposed since 1st July 2006, namely:

RoHS

This directive aims to limit the use of six toxic substances in the manufacture of electronic equipment: mercury, lead, cadmium, hexavalent chrome, PBB and PBDE (brominated flame retardants). Therefore, none of these materials should represent more than 0.1% of the composition of a product.

REACH

This directive obliges businesses that manufacture and import chemical substances to assess the risks resulting from their use and to take the required measures to manage all risks identified.

Drag chain cables

R11 PVC / PVC Class 6 UL / CSA cables

► R11 UNSHIELDED



Application

Unshielded, extra-flexible machine and robot cable (class 6), PVC / PVC 300V used as:




- Connection and control cable for standard requirements in drag chain and guided-movement systems
- For installation in dry or humid environments

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R11NBG2X050	Class 6 unshielded cable 2 x 0.50 mm ² grey PVC/PVC	5.2	40
R11NBG3G050	Class 6 unshielded cable 3G0.50 mm ² grey PVC/PVC	5.6	50
R11NBG4G050	Class 6 unshielded cable 4G0.50 mm ² grey PVC/PVC	6.0	62
R11NBG5G050	Class 6 unshielded cable 5G0.50 mm ² grey PVC/PVC	6.6	74
R11NBG7G050	Class 6 unshielded cable 7G0.50 mm ² grey PVC/PVC	7.8	106
R11NBG12G050	Class 6 unshielded cable 12G0.50 mm ² grey PVC/PVC	9.3	144
R11NBG18G050	Class 6 unshielded cable 18G0.50 mm ² grey PVC/PVC	11.4	224
R11NBG25G050	Class 6 unshielded cable 25G0.50 mm ² grey PVC/PVC	13.4	308
R11NBG30G050	Class 6 unshielded cable 30G0.50 mm ² grey PVC/PVC	14.1	336
R11NBG2X075	Class 6 unshielded cable 2 x 0.75 mm ² grey PVC/PVC	5.7	49
R11NBG3G075	Class 6 unshielded cable 3G0.75 mm ² grey PVC/PVC	6.1	61
R11NBG4G075	Class 6 unshielded cable 4G0.75 mm ² grey PVC/PVC	6.6	77
R11NBG5G075	Class 6 unshielded cable 5G0.75 mm ² grey PVC/PVC	7.3	92
R11NBG7G075	Class 6 unshielded cable 7G0.75 mm ² grey PVC/PVC	8.9	132
R11NBG12G075	Class 6 unshielded cable 12G0.75 mm ² grey PVC/PVC	10.5	188
R11NBG18G075	Class 6 unshielded cable 18G0.75 mm ² grey PVC/PVC	12.9	293
R11NBG25G075	Class 6 unshielded cable 25G0.75 mm ² grey PVC/PVC	15.4	399
R11NBG36G075	Class 6 unshielded cable 36G0.75 mm ² grey PVC/PVC	17.4	540
R11NBG42G075	Class 6 unshielded cable 42G0.75 mm ² grey PVC/PVC	19.0	635
R11NBG2X1	Class 6 unshielded cable 2 x 1 mm ² grey PVC/PVC	5.9	58
R11NBG3G1	Class 6 unshielded cable 3G1 mm ² grey PVC/PVC	6.4	74
R11NBG4G1	Class 6 unshielded cable 4G1 mm ² grey PVC/PVC	6.8	92
R11NBG5G1	Class 6 unshielded cable 5G1 mm ² grey PVC/PVC	7.6	116
R11NBG7G1	Class 6 unshielded cable 7G1 mm ² grey PVC/PVC	9.8	164
R11NBG12G1	Class 6 unshielded cable 12G1 mm ² grey PVC/PVC	11.2	234
R11NBG18G1	Class 6 unshielded cable 18G1 mm ² grey PVC/PVC	13.4	363
R11NBG25G1	Class 6 unshielded cable 25G1 mm ² grey PVC/PVC	16.4	500
R11NBG2X15	Class 6 unshielded cable 2 x 1.5 mm ² grey PVC/PVC	6.5	72
R11NBG3G15	Class 6 unshielded cable 3G1.5 mm ² grey PVC/PVC	7.0	93
R11NBG4G15	Class 6 unshielded cable 4G1.5 mm ² grey PVC/PVC	7.6	117
R11NBG5G15	Class 6 unshielded cable 5G1.5 mm ² grey PVC/PVC	8.7	148
R11NBG7G15	Class 6 unshielded cable 7G1.5 mm ² grey PVC/PVC	10.5	210
R11NBG12G15	Class 6 unshielded cable 12G1.5 mm ² grey PVC/PVC	12.6	304
R11NBG18G15	Class 6 unshielded cable 18G1.5 mm ² grey PVC/PVC	15.1	479

Drag chain cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R11NBG25G15	Class 6 unshielded cable 25G1.5 mm ² grey PVC/PVC	18.3	666
R11NBG3G25	Class 6 unshielded cable 3G2.5 mm ² grey PVC/PVC	8.6	146
R11NBG4G25	Class 6 unshielded cable 4G2.5 mm ² grey PVC/PVC	9.3	191
R11NBG5G25	Class 6 unshielded cable 5G2.5 mm ² grey PVC/PVC	10.6	239
R11NBG7G25	Class 6 unshielded cable 7G2.5 mm ² grey PVC/PVC	13.0	339
R11NBG12G25	Class 6 unshielded cable 12G2.5 mm ² grey PVC/PVC	15.6	499

Packaging

 500 m /  1000 m /  cut to length

Download our technical data sheets at
www.id-cables.fr



Drag chain cables

R11 PVC / PVC Class 6 UL / CSA cables

► R11 SHIELDED



Application

Shielded extra-flexible machine and robot cable (class 6), PVC / PVC 300 V used as:



- Connection and control cable **for standard requirements** in drag chain and guided-movement systems
- For installation in dry or humid environments
- A tinned copper braid protects the cable from electromagnetic disturbances

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R11BG2X050	Class 6 shielded cable 2 x 0.50 mm ² grey PVC/PVC	5.8	56
R11BG3G050	Class 6 shielded cable 3G0.50 mm ² grey PVC/PVC	6.2	73
R11BG4G050	Class 6 shielded cable 4G0.50 mm ² grey PVC/PVC	6.6	83
R11BG5G050	Class 6 shielded cable 5G0.50 mm ² grey PVC/PVC	7.2	93
R11BG7G050	Class 6 shielded cable 7G0.50 mm ² grey PVC/PVC	8.6	129
R11BG12G050	Class 6 shielded cable 12G0.50 mm ² grey PVC/PVC	10.1	193
R11BG18G050	Class 6 shielded cable 18G0.50 mm ² grey PVC/PVC	12.0	275
R11BG25G050	Class 6 shielded cable 25G0.50 mm ² grey PVC/PVC	14.4	358
R11BG36G050	Class 6 shielded cable 36G0.50 mm ² grey PVC/PVC	16.2	449
R11BG2X075	Class 6 shielded cable 2 x 0.75 mm ² grey PVC/PVC	6.3	73
R11BG3G075	Class 6 shielded cable 3G0.75 mm ² grey PVC/PVC	6.7	83
R11BG4G075	Class 6 shielded cable 4G0.75 mm ² grey PVC/PVC	7.2	96
R11BG5G075	Class 6 shielded cable 5G0.75 mm ² grey PVC/PVC	8.1	122
R11BG7G075	Class 6 shielded cable 7G0.75 mm ² grey PVC/PVC	9.7	177
R11BG12G075	Class 6 shielded cable 12G0.75 mm ² grey PVC/PVC	11.3	234
R11BG18G075	Class 6 shielded cable 18G0.75 mm ² grey PVC/PVC	13.9	336
R11BG25G075	Class 6 shielded cable 25G0.75 mm ² grey PVC/PVC	16.2	441
R11BG36G075	Class 6 shielded cable 36G0.75 mm ² grey PVC/PVC	18.4	592
R11BG42G075	Class 6 shielded cable 42G0.75 mm ² grey PVC/PVC	20.0	691
R11BG2X1	Class 6 shielded cable 2 x 1 mm ² grey PVC/PVC	6.5	80
R11BG3G1	Class 6 shielded cable 3G1 mm ² grey PVC/PVC	7.0	93
R11BG4G1	Class 6 shielded cable 4G1 mm ² grey PVC/PVC	7.4	122
R11BG5G1	Class 6 shielded cable 5G1 mm ² grey PVC/PVC	8.4	139
R11BG7G1	Class 6 shielded cable 7G1 mm ² grey PVC/PVC	10.1	206
R11BG12G1	Class 6 shielded cable 12G1 mm ² grey PVC/PVC	11.8	291
R11BG18G1	Class 6 shielded cable 18G1 mm ² grey PVC/PVC	14.4	414
R11BG25G1	Class 6 shielded cable 25G1 mm ² grey PVC/PVC	17.0	542
R11BG2X15	Class 6 shielded cable 2 x 1.5 mm ² grey PVC/PVC	7.1	92
R11BG3G15	Class 6 shielded cable 3G1.5 mm ² grey PVC/PVC	7.6	123
R11BG4G15	Class 6 shielded cable 4G1.5 mm ² grey PVC/PVC	8.4	144
R11BG5G15	Class 6 shielded cable 5G1.5 mm ² grey PVC/PVC	9.5	193
R11BG7G15	Class 6 shielded cable 7G1.5 mm ² grey PVC/PVC	11.3	247
R11BG12G15	Class 6 shielded cable 12G1.5 mm ² grey PVC/PVC	13.2	355

Drag chain cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R11BG18G15	Class 6 shielded cable 18G1.5 mm ² grey PVC/PVC	16.1	534
R11BG25G15	Class 6 shielded cable 25G1.5 mm ² grey PVC/PVC	19.1	699
R11BG36G15	Class 6 shielded cable 36G1.5 mm ² grey PVC/PVC	21.7	941
R11BG42G15	Class 6 shielded cable 42G1.5 mm ² grey PVC/PVC	23.6	1099
R11BG3G25	Class 6 shielded cable 3G2.5 mm ² grey PVC/PVC	9.2	169
R11BG4G25	Class 6 shielded cable 4G2.5 mm ² grey PVC/PVC	10.1	231
R11BG5G25	Class 6 shielded cable 5G2.5 mm ² grey PVC/PVC	11.4	287
R11BG7G25	Class 6 shielded cable 7G2.5 mm ² grey PVC/PVC	14.0	386
R11BG12G25	Class 6 shielded cable 12G2.5 mm ² grey PVC/PVC	16.4	479

Packaging

 500 m /  1000 m /  cut to length



Drag chain cables

R32 TPE / PUR Class 6 UL / CSA cables

► R32 UNSHIELDED

Application



Unshielded, extra-flexible machine and robot cable (class 6), TPE / PUR (polyurethane) 300 V used as:

- Connection and control cable **for demanding requirements** in drag chain and guided-movement systems
- For installation in dry or humid environments

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R32NBG2X050	Class 6 unshielded cable 2 x 0.50 mm ² grey TPE/PUR	5.1	30
R32NBG3G050	Class 6 unshielded cable 3G0.50 mm ² grey TPE/PUR	5.5	39
R32NBG4G050	Class 6 unshielded cable 4G0.50 mm ² grey TPE/PUR	5.9	46
R32NBG5G050	Class 6 unshielded cable 5G0.50 mm ² grey TPE/PUR	6.5	55
R32NBG7G050	Class 6 unshielded cable 7G0.50 mm ² grey TPE/PUR	7.9	78
R32NBG12G050	Class 6 unshielded cable 12G0.50 mm ² grey TPE/PUR	9.3	121
R32NBG18G050	Class 6 unshielded cable 18G0.50 mm ² grey TPE/PUR	11.1	172
R32NBG25G050	Class 6 unshielded cable 25G0.50 mm ² grey TPE/PUR	13.1	245
R32NBG30G050	Class 6 unshielded cable 30G0.50 mm ² grey TPE/PUR	13.8	267
R32NBG36G050	Class 6 unshielded cable 36G0.50 mm ² grey TPE/PUR	15.1	321
R32NBG2X075	Class 6 unshielded cable 2 x 0.75 mm ² grey TPE/PUR	5.6	39
R32NBG3G075	Class 6 unshielded cable 3G0.75 mm ² grey TPE/PUR	6.0	49
R32NBG4G075	Class 6 unshielded cable 4G0.75 mm ² grey TPE/PUR	6.5	60
R32NBG5G075	Class 6 unshielded cable 5G0.75 mm ² grey TPE/PUR	7.2	72
R32NBG7G075	Class 6 unshielded cable 7G0.75 mm ² grey TPE/PUR	8.7	103
R32NBG12G075	Class 6 unshielded cable 12G0.75 mm ² grey TPE/PUR	10.5	163
R32NBG18G075	Class 6 unshielded cable 18G0.75 mm ² grey TPE/PUR	12.6	233
R32NBG25G075	Class 6 unshielded cable 25G0.75 mm ² grey TPE/PUR	15.0	338
R32NBG36G075	Class 6 unshielded cable 36G0.75 mm ² grey TPE/PUR	17.1	444
R32NBG42G075	Class 6 unshielded cable 42G0.75 mm ² grey TPE/PUR	18.6	523
R32NBG2X1	Class 6 unshielded cable 2 x 1 mm ² grey TPE/PUR	6.0	46
R32NBG3G1	Class 6 unshielded cable 3G1 mm ² grey TPE/PUR	6.5	60
R32NBG4G1	Class 6 unshielded cable 4G1 mm ² grey TPE/PUR	7.0	73
R32NBG5G1	Class 6 unshielded cable 5G1 mm ² grey TPE/PUR	8.0	92
R32NBG7G1	Class 6 unshielded cable 7G1 mm ² grey TPE/PUR	9.6	129
R32NBG12G1	Class 6 unshielded cable 12G1 mm ² grey TPE/PUR	11.4	202
R32NBG18G1	Class 6 unshielded cable 18G1 mm ² grey TPE/PUR	13.8	296
R32NBG25G1	Class 6 unshielded cable 25G1 mm ² grey TPE/PUR	16.5	426
R32NBG3G15	Class 6 unshielded cable 3G1.5 mm ² grey TPE/PUR	7.1	78
R32NBG4G15	Class 6 unshielded cable 4G1.5 mm ² grey TPE/PUR	7.9	100
R32NBG5G15	Class 6 unshielded cable 5G1.5 mm ² grey TPE/PUR	9.0	122
R32NBG7G15	Class 6 unshielded cable 7G1.5 mm ² grey TPE/PUR	10.9	178
R32NBG12G15	Class 6 unshielded cable 12G1.5 mm ² grey TPE/PUR	12.8	276
R32NBG18G15	Class 6 unshielded cable 18G1.5 mm ² grey TPE/PUR	15.6	405

Drag chain cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R32NKG25G15	Class 6 unshielded cable 25G1.5 mm ² grey TPE/PUR	18.6	580
R32NKG36G15	Class 6 unshielded cable 36G1.5 mm ² grey TPE/PUR	20.9	771
R32NKG42G15	Class 6 unshielded cable 42G1.5 mm ² grey TPE/PUR	22.8	909
R32NKG3G25	Class 6 unshielded cable 3G2.5 mm ² grey TPE/PUR	8.6	122
R32NKG4G25	Class 6 unshielded cable 4G2.5 mm ² grey TPE/PUR	9.5	154
R32NKG5G25	Class 6 unshielded cable 5G2.5 mm ² grey TPE/PUR	10.8	192
R32NKG7G25	Class 6 unshielded cable 7G2.5 mm ² grey TPE/PUR	13.0	272
R32NKG12G25	Class 6 unshielded cable 12G2.5 mm ² grey TPE/PUR	15.6	436
R32NKG18G25	Class 6 unshielded cable 18G2.5 mm ² grey TPE/PUR	18.6	628
R32NKG25G25	Class 6 unshielded cable 25G2.5 mm ² grey TPE/PUR	22.4	903

Packaging

 500 m /
  1000 m /
  cut to length



Notes

Drag chain cables

R32 TPE / PUR Class 6 UL / CSA cables

► R32 SHIELDED



Application

Shielded, extra-flexible machine and robot cable (class 6), TPE / PUR (polyurethane) 300 V used as:

- Connection and control cable for demanding requirements in drag chain and guided-movement systems
- For installation in dry or humid environments
- A tinned copper braid protects the cable from electromagnetic disturbances

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R32B2X050	Class 6 shielded cable 2 x 0.50 mm ² grey TPE/PUR	5.7	45
R32B3G050	Class 6 shielded cable 3G0.50 mm ² grey TPE/PUR	6.1	52
R32B4G050	Class 6 shielded cable 4G0.50 mm ² grey TPE/PUR	6.5	65
R32B5G050	Class 6 shielded cable 5G0.50 mm ² grey TPE/PUR	7.1	72
R32B7G050	Class 6 shielded cable 7G0.50 mm ² grey TPE/PUR	8.5	99
R32B12G050	Class 6 shielded cable 12G0.50 mm ² grey TPE/PUR	9.9	140
R32B18G050	Class 6 shielded cable 18G0.50 mm ² grey TPE/PUR	11.9	204
R32B25G050	Class 6 shielded cable 25G0.50 mm ² grey TPE/PUR	14.1	286
R32B36G050	Class 6 shielded cable 36G0.50 mm ² grey TPE/PUR	14.9	370
R32B2X075	Class 6 shielded cable 2 x 0.75 mm ² grey TPE/PUR	6.2	52
R32B3G075	Class 6 shielded cable 3G0.75 mm ² grey TPE/PUR	6.6	66
R32B4G075	Class 6 shielded cable 4G0.75 mm ² grey TPE/PUR	7.1	77
R32B5G075	Class 6 shielded cable 5G0.75 mm ² grey TPE/PUR	8.0	96
R32B7G075	Class 6 shielded cable 7G0.75 mm ² grey TPE/PUR	9.5	129
R32B12G075	Class 6 shielded cable 12G0.75 mm ² grey TPE/PUR	11.1	185
R32B18G075	Class 6 shielded cable 18G0.75 mm ² grey TPE/PUR	13.4	261
R32B25G075	Class 6 shielded cable 25G0.75 mm ² grey TPE/PUR	15.8	375
R32B2X1	Class 6 shielded cable 2 x 1 mm ² grey TPE/PUR	6.6	65
R32B3G1	Class 6 shielded cable 3G1 mm ² grey TPE/PUR	7.1	75
R32B4G1	Class 6 shielded cable 4G1 mm ² grey TPE/PUR	7.8	97
R32B5G1	Class 6 shielded cable 5G1 mm ² grey TPE/PUR	8.6	111
R32B7G1	Class 6 shielded cable 7G1 mm ² grey TPE/PUR	10.4	150
R32B12G1	Class 6 shielded cable 12G1 mm ² grey TPE/PUR	12.2	229
R32B18G1	Class 6 shielded cable 18G1 mm ² grey TPE/PUR	14.8	343
R32B25G1	Class 6 shielded cable 25G1 mm ² grey TPE/PUR	17.3	462
R32B2X15	Class 6 shielded cable 2 x 1.5 mm ² grey TPE/PUR	7.2	76
R32B3G15	Class 6 shielded cable 3G1.5 mm ² grey TPE/PUR	7.9	100
R32B4G15	Class 6 shielded cable 4G1.5 mm ² grey TPE/PUR	8.5	121
R32B5G15	Class 6 shielded cable 5G1.5 mm ² grey TPE/PUR	9.6	148
R32B7G15	Class 6 shielded cable 7G1.5 mm ² grey TPE/PUR	11.5	199
R32B12G15	Class 6 shielded cable 12G1.5 mm ² grey TPE/PUR	13.8	323
R32B18G15	Class 6 shielded cable 18G1.5 mm ² grey TPE/PUR	16.6	455
R32B25G15	Class 6 shielded cable 25G1.5 mm ² grey TPE/PUR	19.6	620

Drag chain cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
R32B36G15	Class 6 shielded cable 36G1.5 mm ² grey TPE/PUR	22.3	844
R32B42G15	Class 6 shielded cable 42G1.5 mm ² grey TPE/PUR	24.2	978
R32B3G25	Class 6 shielded cable 3G2.5 mm ² grey TPE/PUR	9.4	144
R32B4G25	Class 6 shielded cable 4G2.5 mm ² grey TPE/PUR	10.1	177
R32B5G25	Class 6 shielded cable 5G2.5 mm ² grey TPE/PUR	11.4	214
R32B7G25	Class 6 shielded cable 7G2.5 mm ² grey TPE/PUR	14.0	301
R32B12G25	Class 6 shielded cable 12G2.5 mm ² grey TPE/PUR	16.6	479
R32B18G25	Class 6 shielded cable 18G2.5 mm ² grey TPE/PUR	19.8	685
R32B25G25	Class 6 shielded cable 25G2.5 mm ² grey TPE/PUR	23.6	981

Packaging

 500 m /  1000 m /  cut to length

SERVO-CY - Shielded servomotor cables 600/1000 V

New

Application



Shielded flexible 1000 V cable, black conductors numbered in white + G/Y ground wire

- ▶ For connection of motor to temperature sensor control and/or braking system
- ▶ Orange PVC sheath

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
SERVOCY4G15	Shielded servomotor cable 4G1.5 mm ²	8.4	143
SERVOCY4G25	Shielded servomotor cable 4G2.5 mm ²	9.8	213
SERVOCY4G4	Shielded servomotor cable 4G4 mm ²	11.9	287
SERVOCY4G10	Shielded servomotor cable 4G10 mm ²	17.5	631
SERVOCY4G152X15	Shielded servomotor cable 4G1.5 mm ² + (2 x 1.5 mm ²)	10.6	231
SERVOCY4G252X075	Shielded servomotor cable 4G2.5 mm ² + 2 x (2 x 0.75 mm ²)	13.8	311
SERVOCY4G252X15	Shielded servomotor cable 4G2.5 mm ² + (2 x 1.5 mm ²)	12.4	298
SERVOCY4G42X15	Shielded servomotor cable 4G4 mm ² + (2 x 1.5 mm ²)	13.9	398
SERVOCY4G62X15	Shielded servomotor cable 4G6 mm ² + (2 x 1.5 mm ²)	16.1	517
SERVOCY4G152X2X075	Shielded servomotor cable 4G1.5 mm ² + 2 x (2 x 0.75 mm ²)	13	245
SERVOCY4G153X1	Shielded servomotor cable 4G1.5 mm ² + (3 x 1 mm ²)	11.4	214
SERVOCY4G253X1	Shielded servomotor cable 4G2.5 mm ² + (3 x 1 mm ²)	13.4	282
SERVOCY4G103X15	Shielded servomotor cable 4G10 mm ² + (3 x 1.5 mm ²)	20.3	758

Packaging

 1000 m /  cut to length

Handling systems and lift cables

H07RN-F

Application



Harmonised flexible 450/750 V cable intended for:

- ▶ Power supply to motors, moving machinery, electrical tools and construction work sites
- ▶ Demanding industrial environments

PART NO.	IDENTIFICATION	Ø MM	CPR	WEIGHT (KG/KM)
RNF1X15	H07RN-F 1 x 1.5 mm ²	5.7 / 7.1	ECA	59
RNF1X25	H07RN-F 1 x 2.5 mm ²	6.3 / 7.9	ECA	74
RNF1X4	H07RN-F 1 x 4 mm ²	7.2 / 9.0	ECA	99
RNF1X6	H07RN-F 1 x 6 mm ²	7.9 / 9.8	ECA	129
RNF1X10	H07RN-F 1 x 10 mm ²	9.5 / 11.9	ECA	200
RNF1X16	H07RN-F 1 x 16 mm ²	10.8 / 13.4	ECA	279
RNF1X25MM	H07RN-F 1 x 25 mm ²	12.7 / 15.8	ECA	396
RNF1X35	H07RN-F 1 x 35 mm ²	14.3 / 17.9	ECA	540
RNF1X50	H07RN-F 1 x 50 mm ²	16.5 / 20.6	ECA	719
RNF1X70	H07RN-F 1 x 70 mm ²	18.6 / 23.3	ECA	947
RNF1X95	H07RN-F 1 x 95 mm ²	20.8 / 26.0	ECA	1230
RNF1X120	H07RN-F 1 x 120 mm ²	22.8 / 28.6	ECA	1520
RNF1X150	H07RN-F 1 x 150 mm ²	25.2 / 31.4	ECA	1887
RNF1X185	H07RN-F 1 x 185 mm ²	27.6 / 34.4	ECA	2300
RNF1X240	H07RN-F 1 x 240 mm ²	30.6 / 38.3	ECA	2960
RNF1X300	H07RN-F 1 x 300 mm ²	33.5 / 41.9	ECA	3585
RNF2X1	H07RN-F 2 x 1 mm ²	7.7 / 10.0	ECA	89
RNF3G1	H07RN-F 3G1 mm ²	8.3 / 10.7	ECA	111
RNF4G1	H07RN-F 4G1 mm ²	9.2 / 11.9	ECA	146
RNF5G1	H07RN-F 5G1 mm ²	10.2 / 13.1	ECA	192
RNF2X15	H07RN-F 2 x 1.5 mm ²	8.5 / 11.0	ECA	128
RNF3G15	H07RN-F 3G1.5 mm ²	9.2 / 11.9	ECA	157
RNF4G15	H07RN-F 4G1.5 mm ²	10.2 / 13.1	ECA	192
RNF5G15	H07RN-F 5G1.5 mm ²	11.2 / 14.4	ECA	238
RNF7G15	H07RN-F 7G1.5 mm ²	14.5 / 17.5	ECA	371
RNF12G15	H07RN-F 12G1.5 mm ²	17.6 / 22.4	ECA	516
RNF18G15	H07RN-F 18G1.5 mm ²	20.7 / 26.3	ECA	770
RNF19G15	H07RN-F 19G1.5 mm ²	20.7 / 26.3	ECA	788
RNF24G15	H07RN-F 24G1.5 mm ²	24.3 / 30.7	ECA	968
RNF2X25	H07RN-F 2 x 2.5 mm ²	10.2 / 13.1	ECA	177
RNF3G25	H07RN-F 3G2.5 mm ²	10.9 / 14.0	ECA	217
RNF4G25	H07RN-F 4G2.5 mm ²	12.1 / 15.5	ECA	269
RNF5G25	H07RN-F 5G2.5 mm ²	13.3 / 17.0	ECA	329
RNF7G25	H07RN-F 7G2.5 mm ²	16.5 / 20.0	ECA	499
RNF12G25	H07RN-F 12G2.5 mm ²	20.6 / 26.2	ECA	719
RNF18G25	H07RN-F 18G2.5 mm ²	24.4 / 31.0	ECA	1068

Handling systems and lift cables

PART NO.	IDENTIFICATION	Ø MM	CPR	WEIGHT (KG/KM)
RNF19G25	H07RN-F 19G2.5 mm ²	24.4 / 31.0	ECA	1068
RNF24G25	H07RN-F 24G2.5 mm ²	28.8 / 36.4	ECA	1400
RNF2X4	H07RN-F 2 x 4 mm ²	11.8 / 15.1	ECA	249
RNF3G4	H07RN-F 3G4 mm ²	12.7 / 16.2	ECA	298
RNF4G4	H07RN-F 4G4 mm ²	14.0 / 17.9	ECA	373
RNF5G4	H07RN-F 5G4 mm ²	16.5 / 19.9	ECA	466
RNF2X6	H07RN-F 2 x 6 mm ²	13.1 / 16.8	ECA	327
RNF3G6	H07RN-F 3G6 mm ²	14.1 / 18.0	ECA	407
RNF4G6	H07RN-F 4G6 mm ²	15.7 / 20.0	ECA	514
RNF5G6	H07RN-F 5G6 mm ²	17.5 / 22.2	ECA	640
RNF2X10	H07RN-F 2 x 10 mm ²	17.7 / 22.6	ECA	586
RNF3G10	H07RN-F 3G10 mm ²	19.1 / 24.2	ECA	716
RNF4G10	H07RN-F 4G10 mm ²	20.9 / 26.5	ECA	898
RNF5G10	H07RN-F 5G10 mm ²	22.9 / 29.1	ECA	1107
RNF2X16	H07RN-F 2 x 16 mm ²	20.2 / 25.7	ECA	810
RNF3G16	H07RN-F 3G16 mm ²	21.8 / 27.6	ECA	1008
RNF4G16	H07RN-F 4G16 mm ²	23.8 / 30.1	ECA	1253
RNF5G16	H07RN-F 5G16 mm ²	26.4 / 33.3	ECA	1564
RNF2X25MM	H07RN-F 2 x 25 mm ²	24.3 / 30.7	ECA	1157
RNF3G25MM	H07RN-F 3G25 mm ²	26.1 / 33.0	ECA	1451
RNF4G25MM	H07RN-F 4G25 mm ²	28.9 / 36.6	ECA	1846
RNF5G25MM	H07RN-F 5G25 mm ²	32.0 / 40.4	ECA	2291
RNF3G35	H07RN-F 3G35 mm ²	29.3 / 37.1	ECA	1901
RNF4G35	H07RN-F 4G35 mm ²	32.5 / 41.1	ECA	2393
RNF5G35	H07RN-F 5G35 mm ²	36.8 / 45.8	ECA	2684
RNF3G50	H07RN-F 3G50 mm ²	34.1 / 42.9	ECA	2580
RNF4G50	H07RN-F 4G50 mm ²	37.7 / 47.5	ECA	3284
RNF5G50	H07RN-F 5G50 mm ²	40.0 / 50.8	ECA	3950
RNF3G70	H07RN-F 3G70 mm ²	38.4 / 48.3	ECA	3386
RNF4G70	H07RN-F 4G70 mm ²	42.7 / 54.0	ECA	4331
RNF5G70	H07RN-F 5G70 mm ²	46.5 / 58.6	ECA	4893
RNF3G95	H07RN-F 3G95 mm ²	43.3 / 54.0	ECA	4483
RNF4G95	H07RN-F 4G95 mm ²	48.4 / 61.0	ECA	5712
RNF3G120	H07RN-F 3G120 mm ²	47.4 / 60.0	ECA	5182
RNF4G120	H07RN-F 4G120 mm ²	53.0 / 66.0	ECA	6828
RNF4G150	H07RN-F 4G150 mm ²	58.0 / 73.0	ECA	8319

Handling systems and lift cables

PART NO.	IDENTIFICATION	Ø MM	CPR	WEIGHT (KG/KM)
RNF4G185	H07RN-F 4G185 mm ²	64.0 / 80.0	ECA	10062
RNF4G240	H07RN-F 4G240 mm ²	72.0 / 91.0	ECA	13125

Packaging

 50 m /  100 m /  500 m /  1000 m /  LL (Long Length) /  cut to length



Notes

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Handling systems and lift cables

H07RN-F Premium (H07RN8-F)

Application




Harmonised cables H07RN-F Premium combine the properties of several cables in one: H07RN-F, H07ZZ-F, H07BN4-F, H07BB-F and **H07RN8-F**.

- ▶ Power supply to motors, moving machinery, electrical tools and construction work sites
- ▶ Demanding industrial environments

PART NO.	IDENTIFICATION	Ø MM	CPR	WEIGHT (KG/KM)
RNFP1X35	H07RN-F Premium 1 X 35	14.3 / 17.9	ECA	540
RNFP1X50	H07RN-F Premium 1 X 50	16.5 / 20.6	ECA	719
RNFP1X95	H07RN-F Premium 1 X 95	20.8 / 26.0	ECA	1230
RNFP1X120	H07RN-F Premium 1 X 120	22.8 / 28.6	ECA	1520
RNFP1X240	H07RN-F Premium 1 X 240	30.6 / 38.3	ECA	2960
RNFP3G15	H07RN-F Premium 3 G 1.5	9.2 / 11.9	ECA	157
RNFP4G15	H07RN-F Premium 4 G 1.5	10.2 / 13.1	ECA	192
RNFP5G15	H07RN-F Premium 5 G 1.5	11.2 / 14.4	ECA	238
RNFP12G15	H07RN-F Premium 12 G 1.5	17.6 / 22.4	ECA	516
RNFP3G25	H07RN-F Premium 3 G 2.5	10.9 / 14.0	ECA	217
RNFP4G25	H07RN-F Premium 4 G 2.5	12.1 / 15.5	ECA	269
RNFP5G25	H07RN-F Premium 5 G 2.5	13.3 / 17.0	ECA	329
RNFP4G4	H07RN-F Premium 4 G 4	14.0 / 17.9	ECA	373
RNFP4G6	H07RN-F Premium 4 G 6	15.7 / 20.0	ECA	514
RNFP5G6	H07RN-F Premium 5 G 6	17.5 / 22.2	ECA	640
RNFP4G10	H07RN-F Premium 4 G 10	20.9 / 26.5	ECA	898
RNFP4G25MM	H07RN-F Premium 4 G 25 MM	28.9 / 36.6	ECA	1846
RNF4G35	H07RN-F Premium 4 G 35	32.5 / 41.1	ECA	2393

Packaging

 cut to length

Handling systems and lift cables

H05 / H07VVH6-F

► FLAT CABLE FOR LIFTS

Application



300/500 V and 450/750 V cable used as:


- Power and control cable for machine tools, especially lifting equipment, lifts, crane carriers, container carriers, wherever the cable is subject to bending and permanent movements on the same level.
- For installation in dry or humid environments

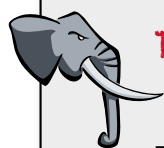
PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
H05VVH6-F			
H6F12G075	H05VVH6-F 12G0.75 mm ²	3.9 x 31.8 / 4.6 x 32.8	260
H6F18G075	H05VVH6-F 18G0.75 mm ²	3.9 x 46.8 / 4.6 x 48.5	400
H6F24G075	H05VVH6-F 24G0.75 mm ²	3.9 x 61.6 / 4.6 x 63.2	510
H6F5G1	H05VVH6-F 5G1 mm ²	4.2 x 15.7 / 4.8 x 16.3	135
H6F8G1	H05VVH6-F 8G1 mm ²	4.2 x 23.1 / 4.8 x 26.9	220
H6F12G1	H05VVH6-F 12G1 mm ²	4.2 x 34.4 / 4.8 x 35.2	310
H6F18G1	H05VVH6-F 18G1 mm ²	4.2 x 52.2 / 4.8 x 53.4	470
H6F24G1	H05VVH6-F 24G1 mm ²	4.2 x 66.5 / 4.8 x 68.1	600
H6F3X4G1	H05VVH6-F 3x(4G1) mm ²	8.4 x 19.7 / 9.0 x 20.3	300
H6F4X4G1	H05VVH6-F 4x(4G1) mm ²	8.4 x 23.7 / 9.0 x 25.6	400
H07VVH6-F			
H6F4X15	H07VVH6-F 4x1.5 mm ² no G/Y	4.8 x 14.5 / 5.6 x 15.1	150
H6F8X15	H07VVH6-F 8x1.5 mm ² no G/Y	4.8 x 26.8 / 5.6 x 29.0	300
H6F12X15	H07VVH6-F 12x1.5 mm ² no G/Y	4.8 x 39.0 / 5.6 x 41.4	420
H6F4G15	H07VVH6-F 4G1.5 mm ²	4.8 x 14.5 / 5.6 x 15.1	150
H6F5G15	H07VVH6-F 5G1.5 mm ²	4.8 x 17.4 / 5.6 x 19.0	180
H6F7G15	H07VVH6-F 7G1.5 mm ²	4.8 x 23.9 / 5.6 x 26.0	260
H6F8G15	H07VVH6-F 8G1.5 mm ²	4.8 x 26.8 / 5.6 x 29.0	300
H6F10G15	H07VVH6-F 10G1.5 mm ²	4.8 x 32.5 / 5.6 x 35.0	360
H6F12G15	H07VVH6-F 12G1.5 mm ²	4.8 x 39.0 / 5.6 x 41.4	420
H6F14G15	H07VVH6-F 14G1.5 mm ²	4.8 x 48.0 / 5.6 x 49.5	490
H6F16G15	H07VVH6-F 16G1.5 mm ²	4.8 x 51.3 / 5.6 x 54.0	560
H6F18G15	H07VVH6-F 18G1.5 mm ²	4.8 x 58.0 / 5.6 x 60.2	620
H6F24G15	H07VVH6-F 24G1.5 mm ²	4.8 x 79.0 / 5.6 x 83.0	790
H6F4G25	H07VVH6-F 4G2.5 mm ²	5.5 x 17.7 / 6.0 x 18.5	210
H6F5G25	H07VVH6-F 5G2.5 mm ²	5.5 x 21.2 / 6.0 x 23.2	260
H6F7G25	H07VVH6-F 7G2.5 mm ²	5.5 x 29.4 / 6.0 x 32.4	380
H6F8G25	H07VVH6-F 8G2.5 mm ²	5.5 x 32.9 / 6.0 x 35.0	405
H6F12G25	H07VVH6-F 12G2.5 mm ²	5.5 x 48.2 / 6.0 x 50.5	620
H6F24G25	H07VVH6-F 24G2.5 mm ²	5.5 x 90.0 / 6.0 x 94.0	1160

Handling systems and lift cables

	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
H07VVH6-F			
H6F4G4	H07VVH6-F 4G4 mm ²	6.4 x 19.7 / 7.0 x 21.3	300
H6F5G4	H07VVH6-F 5G4 mm ²	6.4 x 23.8 / 7.0 x 26.0	380
H6F7G4	H07VVH6-F 7G4 mm ²	6.4 x 33.0 / 7.0 x 38.0	550
H6F4G6	H07VVH6-F 4G6 mm ²	6.9 x 21.9 / 8.5 x 23.0	390
H6F5G6	H07VVH6-F 5G6 mm ²	6.9 x 26.4 / 8.5 x 31.5	480
H6F7G6	H07VVH6-F 7G6 mm ²	6.9 x 39.5 / 8.5 x 42.5	700
H6F4G10	H07VVH6-F 4G10 mm ²	8.7 x 27.2 / 10.5 x 29.0	620
H6F5G10	H07VVH6-F 5G10 mm ²	8.7 x 33.1 / 10.5 x 38.3	780
H6F4G16	H07VVH6-F 4G16 mm ²	9.9 x 31.7 / 11.0 x 37.0	990
H6F5G16	H07VVH6-F 5G16 mm ²	9.9 x 38.6 / 11.0 x 43.0	1200
H6F4G25MM	H07VVH6-F 4G25 mm ²	11.5 x 38.2 / 13.5 x 46.0	1550
H6F4G35	H07VVH6-F 4G35 mm ²	13.3 x 43.5 / 14.8 x 51.0	2030
H6F4G50	H07VVH6-F 4G50 mm ²	16.0 x 55.0 / 17.0 x 57.0	2650
H6F4G70	H07VVH6-F 4G70 mm ²	17.5 x 62.0 / 18.5 x 64.0	3650

Packaging

 500 m /  1000 m /  cut to length



Did you know?

RENEWABLE AND ENVIRONMENTAL ENERGIES

All our cables also satisfy environmental directives imposed since 1st July 2006, namely:

RoHS

This directive aims to limit the use of six toxic substances in the manufacture of electronic equipment: mercury, lead, cadmium, hexavalent chrome, PBB and PBDE (brominated flame retardants). Therefore, none of these materials should represent more than 0.1% of the composition of a product.

REACH

This directive obliges businesses that manufacture and import chemical substances to assess the risks resulting from their use and to take the required measures to manage all risks identified.

Handling systems and lift cables

NSHTOU / KSM-S

► UNSHIELDED REELING CABLE

Application

600/1000 V cable intended for:

- ▶ Frequent winding and unwinding movements, especially in the presence of traction and/or twisting forces and/or forced guidance
- ▶ Winding speed **up to 120 m/min**
- ▶ For installation in dry or humid environments and outdoors



	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
NSHTOU-O			
TR443X2X15	NSHTOU-O 3x (2x1.5) mm ²	24.0 / 27.3	750
NSHTOU-J			
TR444G15	NSHTOU-J 4G1.5 mm ²	12.4 / 13.2	207
TR445G15	NSHTOU-J 5G1.5 mm ²	13.6 / 14.4	250
TR447G15	NSHTOU-J 7G1.5 mm ²	16.5 / 17.3	379
TR4412G15	NSHTOU-J 12G1.5 mm ²	19.8 / 20.8	539
TR4418G15	NSHTOU-J 18G1.5 mm ²	22.2 / 23.2	721
TR4424G15	NSHTOU-J 24G1.5 mm ²	25.9 / 26.9	945
TR4430G15	NSHTOU-J 30G1.5 mm ²	27.7 / 28.7	1139
TR4442G15	NSHTOU-J 42G1.5 mm ²	34.2 / 35.2	1558
TR444G25	NSHTOU-J 4G2.5 mm ²	15.5 / 16.3	317
TR445G25	NSHTOU-J 5G2.5 mm ²	16.5 / 17.3	373
TR447G25	NSHTOU-J 7G2.5 mm ²	17.7 / 19.5	504
TR448G25	NSHTOU-J 8G2.5 mm ²	20.0 / 23.5	700
TR4412G25	NSHTOU-J 12G2.5 mm ²	22.5 / 23.5	735
TR4418G25	NSHTOU-J 18G2.5 mm ²	26.3 / 27.3	1011
TR4424G25	NSHTOU-J 24G2.5 mm ²	31.0 / 32.0	1414
TR4430G25	NSHTOU-J 30G2.5 mm ²	32.8 / 33.8	1584
TR4450G25	NSHTOU-J 50G2.5 mm ²	44.5 / 49.0	3200
TR444G4	NSHTOU-J 4G4 mm ²	17.3 / 18.1	429
TR444G6	NSHTOU-J 4G6 mm ²	18.6 / 19.4	531
TR444G10	NSHTOU-J 4G10 mm ²	23.0 / 24.4	839
TR444G16	NSHTOU-J 4G16 mm ²	26.9 / 29.9	1188
TR444G25	NSHTOU-J 4G25 mm ²	33.7 / 35.5	1943
TR444G35	NSHTOU-J 4G35 mm ²	36.1 / 38.1	2223
TR444G50	NSHTOU-J 4G50 mm ²	42.6 / 44.6	3095
TR444G70	NSHTOU-J 4G70 mm ²	46.5 / 48.5	3978
TR444G95	NSHTOU-J 4G95 mm ²	55.0 / 57.1	5351
TR444G120	NSHTOU-J 4G120 mm ²	61.6 / 64.6	6771
TR445G4	NSHTOU-J 5G4 mm ²	18.5 / 19.3	487
TR445G6	NSHTOU-J 5G6 mm ²	20.6 / 21.6	651

Handling systems and lift cables

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
TR445G10	NSHTOU-J 5G10 mm ²	24.5 / 29.0	1188
TR445G16	NSHTOU-J 5G16 mm ²	29.6 / 31.2	1454
TR445G25MM	NSHTOU-J 5G25 mm ²	33.5 / 38.0	2530
TR445G35	NSHTOU-J 5G35 mm ²	38.0 / 43.5	3420
NSHTOU / KSM-S			
TR443G50+3G25MM	KSM-S 3G50 + 3G25 mm ²	33.0 / 36.0	2524
TR443G70+3G35	KSM-S 3G70 + 3G35 mm ²	39.0 / 42.0	3438
TR443G95+3G50	KSM-S 3G95 + 3G50 mm ²	43.0 / 46.0	4378
TR443G120+3G70	KSM-S 3G120 + 3G70 mm ²	48.0 / 52.0	6494
TR443G185+3G95	KSM-S 3G185 + 3G95 mm ²	56.0 / 61.0	7973
TR443G240+3G120	KSM-S 3G240 + 3G120 mm ²	64.0 / 70.0	10390

Packaging

 500 m /
  1000 m /
  cut to length



Download our technical data sheets at

www.id-cables.fr



Handling systems and lift cables

TROMMELFLEX PUR-HF

► UNSHIELDED REELING CABLE - POLYURETHANE SHEATH

Application



Unshielded halogen-free 600/1000 V cable intended for:



- Heavy machinery such as cable reels (vertical / horizontal), lifting equipment, conveyor systems, motorised moving machinery, rail engines, agricultural engines, for extreme mechanical requirements
- Winding speed up to 180 m/min
- For installation in dry or humid environments and outdoors

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
TROMMELFLEX PUR-HF-O			
TR326X2X1	TROMMELFLEX PUR-HF-O 6 x (2 x 1) mm ²	21.0 / 23.0	619
TROMMELFLEX PUR-HF-J			
TR324G15	TROMMELFLEX PUR-HF-J 4G1.5 mm ²	10.0 / 11.2	146
TR325G15	TROMMELFLEX PUR-HF-J 5G1.5 mm ²	10.6 / 11.8	168
TR327G15	TROMMELFLEX PUR-HF-J 7G1.5 mm ²	12.1 / 13.5	220
TR3212G15	TROMMELFLEX PUR-HF-J 12G1.5 mm ²	15.4 / 17.0	356
TR3218G15	TROMMELFLEX PUR-HF-J 18G1.5 mm ²	16.3 / 18.1	461
TR3224G15	TROMMELFLEX PUR-HF-J 24G1.5 mm ²	18.7 / 20.9	595
TR3230G15	TROMMELFLEX PUR-HF-J 30G1.5 mm ²	21.6 / 24.0	741
TR324G25	TROMMELFLEX PUR-HF-J 4G2.5 mm ²	11.1 / 12.3	197
TR325G25	TROMMELFLEX PUR-HF-J 5G2.5 mm ²	11.8 / 13.0	230
TR327G25	TROMMELFLEX PUR-HF-J 7G2.5 mm ²	13.3 / 14.7	309
TR3212G25	TROMMELFLEX PUR-HF-J 12G2.5 mm ²	18.5 / 20.5	549
TR3218G25	TROMMELFLEX PUR-HF-J 18G2.5 mm ²	20.5 / 21.2	663
TR3224G25	TROMMELFLEX PUR-HF-J 24G2.5 mm ²	21.2 / 23.6	864
TR3230G25	TROMMELFLEX PUR-HF-J 30G2.5 mm ²	25.4 / 28.2	1087
TR3236G25	TROMMELFLEX PUR-HF-J 36G2.5 mm ²	27.0 / 30.0	1403
TR324G4	TROMMELFLEX PUR-HF-J 4G4 mm ²	12.2 / 13.6	273
TR325G4	TROMMELFLEX PUR-HF-J 5G4 mm ²	13.1 / 14.5	324
TR324G6	TROMMELFLEX PUR-HF-J 4G6 mm ²	13.3 / 14.9	369
TR325G6	TROMMELFLEX PUR-HF-J 5G6 mm ²	14.5 / 16.1	476
TR324G10	TROMMELFLEX PUR-HF-J 4G10 mm ²	17.1 / 18.9	598
TR325G10	TROMMELFLEX PUR-HF-J 5G10 mm ²	18.5 / 20.5	717
TR324G16	TROMMELFLEX PUR-HF-J 4G16 mm ²	19.9 / 22.1	847
TR325G16	TROMMELFLEX PUR-HF-J 5G16 mm ²	21.8 / 24.2	1022
TR324G25MM	TROMMELFLEX PUR-HF-J 4G25 mm ²	22.9 / 25.5	1228

Handling systems and lift cables

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
TR324G35	TROMMELFLEX PUR-HF-J 4G35 mm ²	27.2 / 30.0	1754
TR324G16+2(4X15)	TROMMELFLEX PUR-HF-J 4G16 + 2 x 4 x 1.5 mm ²	24.0 / 25.6	1139
TR3219G25+5X15	TROMMELFLEX PUR-HF-J 19G2.5 + 5 x 1.5 mm ²	21.2 / 23.8	846

Packaging

 500 m /  1000 m /  cut to length



Handling systems and lift cables

FESTOONFLEX C PUR-HF

► SHIELDED CONVEYOR CABLE - POLYURETHANE SHEATH



Application

Shielded 600/1000 V power and control cable **for very demanding mechanical requirements**, used:

- In trolley systems, drag chain and conveyor systems
- Winding speed on trolley **up to 240 m/min**
- Suitable for dry, humid and outdoor use

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
FESTOONFLEX C PUR-HF-O			
FESTB1X25MM	FESTOONFLEX C PUR-HF-O 1 x 25 mm ²	10.7 / 11.6	325
FESTB1X35	FESTOONFLEX C PUR-HF-O 1 x 35 mm ²	12.5 / 13.3	435
FESTB1X50	FESTOONFLEX C PUR-HF-O 1 x 50 mm ²	15.6 / 16.4	605
FESTB1X70	FESTOONFLEX C PUR-HF-O 1 x 70 mm ²	17.3 / 18.1	808
FESTB1X95	FESTOONFLEX C PUR-HF-O 1 x 95 mm ²	19.1 / 19.9	1035
FESTB1X120	FESTOONFLEX C PUR-HF-O 1 x 120 mm ²	21.2 / 22.2	1321
FESTB1X150	FESTOONFLEX C PUR-HF-O 1 x 150 mm ²	23.3 / 24.3	1643
FESTB1X185	FESTOONFLEX C PUR-HF-O 1 x 185 mm ²	25.8 / 27.0	1994
FESTOONFLEX C PUR-HF-J			
FESTB7G15	FESTOONFLEX C PUR-HF-J 7G1.5 mm ²	11.1 / 11.9	235
FESTB12G15	FESTOONFLEX C PUR-HF-J 12G1.5 mm ²	15.4 / 16.2	359
FESTB18G15	FESTOONFLEX C PUR-HF-J 18G1.5 mm ²	16.2 / 17.0	418
FESTB4G25	FESTOONFLEX C PUR-HF-J 4G2.5 mm ²	12.3 / 13.1	248
FESTB5G25	FESTOONFLEX C PUR-HF-J 5G2.5 mm ²	13.0 / 13.8	277
FESTB12G25	FESTOONFLEX C PUR-HF-J 12G2.5 mm ²	17.6 / 18.4	526
FESTB18G25	FESTOONFLEX C PUR-HF-J 18G2.5 mm ²	18.4 / 19.2	642
FESTB4G4	FESTOONFLEX C PUR-HF-J 4G4 mm ²	13.8 / 14.6	326
FESTB4G6	FESTOONFLEX C PUR-HF-J 4G6 mm ²	15.3 / 16.1	414
FESTB4G10	FESTOONFLEX C PUR-HF-J 4G10 mm ²	18.6 / 19.4	643
FESTB4G16	FESTOONFLEX C PUR-HF-J 4G16 mm ²	21.4 / 22.4	935
FESTB4G25MM	FESTOONFLEX C PUR-HF-J 4G25 mm ²	24.8 / 26.0	1361
FESTB4G35	FESTOONFLEX C PUR-HF-J 4G35 mm ²	29.8 / 31.4	1871
FESTB4G50	FESTOONFLEX C PUR-HF-J 4G50 mm ²	35.8 / 36.8	2552

Packaging

 500 m /  1000 m /  cut to length

Handling systems and lift cables

FESTOONFLEX PUR-HF

► UNSHIELDED CONVEYOR CABLE - POLYURETHANE SHEATH

Application



Unshielded 600/1000 V power and control cable **for very demanding mechanical requirements**, used:

- In trolley systems, drag chain and conveyor systems
- Winding speed on trolley **up to 240 m/min**
- Suitable for dry, humid and outdoor use

IDENTIFICATION		Ø MM	WEIGHT (KG/KM)
FESTOONFLEX PUR-HF-O			
FEST1X25MM	FESTOONFLEX PUR-HF-O 1 x 25 mm ²	10.1 / 10.9	269
FEST1X35	FESTOONFLEX PUR-HF-O 1 x 35 mm ²	11.9 / 12.7	375
FEST1X50	FESTOONFLEX PUR-HF-O 1 x 50 mm ²	14.7 / 15.5	535
FEST1X70	FESTOONFLEX PUR-HF-O 1 x 70 mm ²	16.4 / 17.2	733
FEST1X95	FESTOONFLEX PUR-HF-O 1 x 95 mm ²	18.1 / 18.9	945
FEST1X120	FESTOONFLEX PUR-HF-O 1 x 120 mm ²	20.1 / 21.0	1201
FEST1X150	FESTOONFLEX PUR-HF-O 1 x 150 mm ²	22.1 / 23.0	1485
FEST1X185	FESTOONFLEX PUR-HF-O 1 x 185 mm ²	24.4 / 25.6	1825
FESTOONFLEX PUR-HF-J			
FEST4G15	FESTOONFLEX PUR-HF-J 4G1,5 mm ²	8.3 / 8.9	112
FEST12G15	FESTOONFLEX PUR-HF-J 12G1,5 mm ²	14.5 / 15.3	314
FEST18G15	FESTOONFLEX PUR-HF-J 18G1,5 mm ²	14.7 / 15.5	375
FEST24G15	FESTOONFLEX PUR-HF-J 24G1,5 mm ²	16.8 / 17.6	495
FEST4G25	FESTOONFLEX PUR-HF-J 4G2,5 mm ²	9.4 / 10.0	153
FEST5G25	FESTOONFLEX PUR-HF-J 5G2,5 mm ²	10.0 / 10.8	179
FEST7G25	FESTOONFLEX PUR-HF-J 7G2,5 mm ²	11.7 / 12.5	245
FEST12G25	FESTOONFLEX PUR-HF-J 12G2,5 mm ²	16.7 / 17.5	461
FEST18G25	FESTOONFLEX PUR-HF-J 18G2,5 mm ²	16.9 / 17.7	573
FEST24G25	FESTOONFLEX PUR-HF-J 24G2,5 mm ²	19.4 / 20.2	761
FEST4G4	FESTOONFLEX PUR-HF-J 4G4 mm ²	10.5 / 11.3	223
FEST5G4	FESTOONFLEX PUR-HF-J 5G4 mm ²	11.8 / 12.6	288
FEST4G6	FESTOONFLEX PUR-HF-J 4G6 mm ²	12.3 / 13.1	313
FEST5G6	FESTOONFLEX PUR-HF-J 5G6 mm ²	13.0 / 15.0	402
FEST4G10	FESTOONFLEX PUR-HF-J 4G10 mm ²	15.2 / 16.0	515
FEST4G16	FESTOONFLEX PUR-HF-J 4G16 mm ²	17.9 / 18.7	749
FEST5G16	FESTOONFLEX PUR-HF-J 5G16 mm ²	19.5 / 20.5	920
FEST4G25MM	FESTOONFLEX PUR-HF-J 4G25 mm ²	21.3 / 22.3	1153

Handling systems and lift cables

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
FEST4G35	FESTOONFLEX PUR-HF-J 4G35 mm ²	26.0 / 27.2	1653
FEST4G50	FESTOONFLEX PUR-HF-J 4G50 mm ²	30.8 / 32.4	2404

Packaging

 500 m /  1000 m /  cut to length

NSSHOU

► UNSHIELDED CONVEYOR CABLE



Application

Cable used for:

- ▶ Connection of mobile machinery and equipment with very demanding mechanical requirements in dry or humid outdoor environments and ATEX zones
- ▶ Fixed installation in temporary constructions or building sites, conveyor systems and machines

	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
NSSHOUJZ12G25	NSSHOU-JZ 0.6/1kV 12G2.5	21.2	733
NSSHOUOZ1X120	NSSHOU-OZ 0.6/1kV 1x120	21.5	135
NSSHOUOZ1X35	NSSHOU-JOZ 0.6/1kV 1x35	13.5	1350
NSSHOUOZ1X50	NSSHOU-OZ 0.6/1kV 1x50	15.1	618
NSSHOUOZ1X70	NSSHOU-OZ 0.6/1kV 1x70	17.2	838
NSSHOUOZ1X95	NSSHOU-OZ 0.6/1kV 1x95	19.2	1082
NSSHOUJB3G15	NSSHOU-JB 0.6/1kV 3G1.5	11.1	184
NSSHOUJB3X1203G70	NSSHOU-JB 0.6/1kV 3x120 + 3G70	54.5	6388
NSSHOUJB3G25	NSSHOU-JB 0.6/1kV 3G2.5	12.2	255
NSSHOUJB3X703G35	NSSHOU-JB 0.6/1kV 3x70 + 3G35	42.3	3670
NSSHOUJB3X95G50	NSSHOU-JB 0.6/1kV 3x95 + 3G50	48.1	4840
NSSHOUJB4G15	NSSHOU-JZ 0.6/1kV 4G15	11.8	213
NSSHOUJB4G10	NSSHOU-JB 0.6/1kV 4G10	21.1	832
NSSHOUJB4G16	NSSHOU-JZ 0.6/1kV 4G16	25.2	1198
NSSHOUJB4G25	NSSHOU-JB 4G2.5	14.1	328
NSSHOUJB4G25MM	NSSHOU-JB 0.6/1kV 4G25 mm	29.8	1771
NSSHOUJB4G35	NSSHOU-JB 0.6/1kV 4G35	32.7	2196
NSSHOUJB4G4	NSSHOU-JB 0.6/1kV 4G4	15.7	423
NSSHOUJB4G50	NSSHOU-JB 0.6/1kV 4G50	38.1	3160
NSSHOUJB4G6	NSSHOU-JB 0.6/1kV 4G6	16.9	530

Packaging

 1000 m

Handling systems and lift cables

FYMYTW: BBAP

► SELF-SUPPORTING PENDANT BUTTON SWITCH CABLE



Application

300/500 V instrumentation and control cable, black, numbered with or without Green/Yellow ground wire and fitted with steel side supports.

Cable intended for:

- Overhead crane remote control

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
FYMYTW-J			
BBAP18G1	CABLE FYMYTW BBAP 18 G 1	15.5 (22.7) - 17.6 (33.4)	590
BBAP25G1	CABLE FYMYTW BBAP 25 G 1	17.5 (27.0) - 21.8 (37.5)	751
FYMYTW-O			
BBAP8G15	CABLE FYMYTW BBAP 8 G 1.5	11.5 (21.0) - 15.5 (28.5)	419
BBAP12G15	CABLE FYMYTW BBAP 12 G 1.5	12.5 (22.5) - 16.7 (31.5)	515
BBAP20G15	CABLE FYMYTW BBAP 20 G 1.5	15.5 (26.0) - 21.8 (37.5)	798
FYMYTW-O			
BBAP5X15	CABLE FYMYTW BBAP 5 x 1.5	9.0 (18.0) - 14.3 (23.3)	350
BBAP16X15	CABLE FYMYTW BBAP 16 x 1.5	14.5 (22.7) - 18.5 (32.0)	595

Packaging

 500 m /  1000 m /  cut to length

CAT7 self-supporting network cable



Application

S/FTP 100-Ohm self-supporting shielded cable, individually shielded pairs

- Maximum acceleration 10 m/s

PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
SF4P7SHAP	Cat.7 S/FTP 4P SH 100-Ohm self-supporting cable	12.0 x 15.9	375

Packaging

 500 m

Handling systems and lift cables

IDC WYBLYK

► BATTERY CHARGER CABLES

Application

Shielded cable used as:

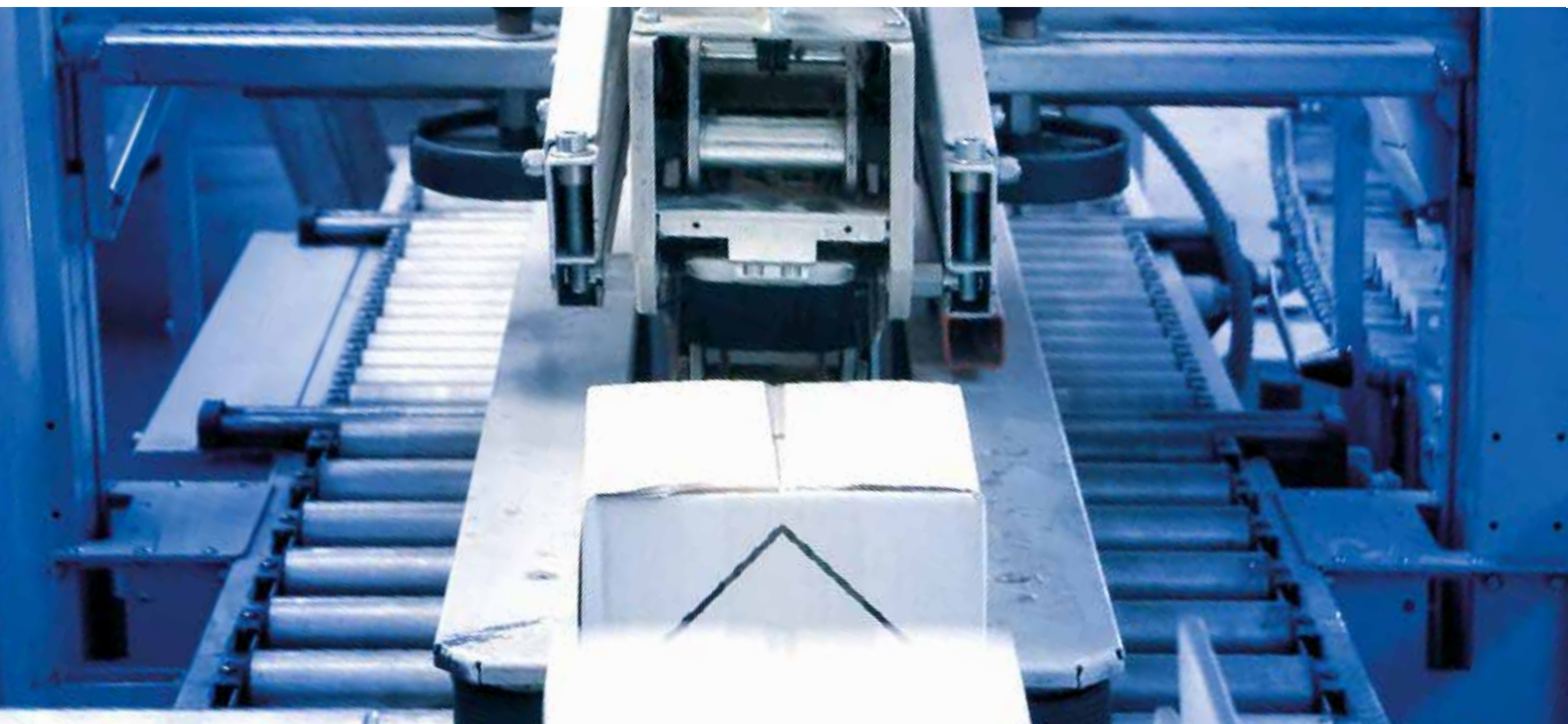
- Power, control and connections on electrical equipment
- Suitable for fixed installation and mobile use, without traction force and guidance
- Can be installed in dry and humid environments (even in mixtures of oils and water), outdoors ONLY with UV protection



PART NO.	IDENTIFICATION	Ø MM	WEIGHT (KG/KM)
IDCWYBLYK2X10	WYBLYK 2X10	6.0 x 13.8 - 8.9 x 12.6	257
IDCWYBLYK2X16	WYBLYK 2X16	6.7 x 15.2 - 10.0 x 21.0	385
IDCWYBLYK2X25	WYBLYK 2X25	8.1 x 18.0 - 12.3 x 25.6	570
IDCWYBLYK2X35	WYBLYK 2X35	9.1 x 20.0 - 13.5 x 28.4	786
IDCWYBLYK2X50	WYBLYK 2X50	14.6 x 30.6 - 16.3 x 34.6	1089

Packaging

 1000 m /  cut to length



High temperature cables

SIL

► MULTI-CONDUCTOR

Application

300/500 V multi-conductor cable intended for:

- Power supply to equipment subject to high temperature variations (-60°C / +180°C)
- Low-halogen silicone elastomer cable for industrial and general public use (lighting, household appliances, etc.)



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
SIL2X050	SIL 2 x 0.50 mm ²	5.7	45
SIL2X075	SIL 2 x 0.75 mm ²	6.4	57
SIL3G075	SIL 3G0.75 mm ²	6.8	66
SIL4G075	SIL 4G0.75 mm ²	7.6	88
SIL5G075	SIL 5G0.75 mm ²	8.5	108
SIL7G075	SIL 7G0.75 mm ²	9.2	136
SIL2X1	SIL 2 x 1 mm ²	6.6	67
SIL3G1	SIL 3G1 mm ²	7.0	83
SIL4G1	SIL 4G1 mm ²	7.9	102
SIL5G1	SIL 5G1 mm ²	8.8	124
SIL7G1	SIL 7G1 mm ²	9.5	161
SIL2X15	SIL 2 x 1.5 mm ²	7.6	87
SIL3G15	SIL 3G1.5 mm ²	8.0	106
SIL4G15	SIL 4G1.5 mm ²	8.8	133
SIL5G15	SIL 5G1.5 mm ²	9.6	161
SIL7G15	SIL 7G1.5 mm ²	10.4	203
SIL12G15	SIL 12G1.5 mm ²	14.0	371
SIL18G15	SIL 18G1.5 mm ²	17.0	515
SIL24G15	SIL 24G1.5 mm ²	19.8	741
SIL2X25	SIL 2 x 2.5 mm ²	8.8	129
SIL3G25	SIL 3G2.5 mm ²	9.7	162
SIL4G25	SIL 4G2.5 mm ²	10.6	201
SIL5G25	SIL 5G2.5 mm ²	11.6	240
SIL7G25	SIL 7G2.5 mm ²	12.6	315
SIL2X4	SIL 2 x 4 mm ²	10.8	197
SIL4G4	SIL 4G4 mm ²	12.6	307
SIL5G4	SIL 5G4 mm ²	14.0	378
SIL7G4	SIL 7G4 mm ²	15.6	490
SIL2X6	SIL 2 x 6 mm ²	12.4	280

High temperature cables

PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
SIL4G6	SIL 4G6 mm ²	14.7	440
SIL5G6	SIL 5G6 mm ²	16.6	540
SIL4G10	SIL 4G10 mm ²	19.4	723
SIL4G16	SIL 4G16 mm ²	21.4	1020
SIL4G25MM	SIL 4G25 mm ²	28.2	1530

Packaging

 1000 m /  cut to length

SIL TBT

► SILICONE CABLE

Application

300 V flat silicone cable with two conductors - high and low temperature, used for:


- Wiring low voltage spot lighting systems



PART NO.	IDENTIFICATION	Ø MM +/- 10%	WEIGHT (KG/KM)
SIL2X15TBTC50	ELV high temperature cable 2 x 1.5 mm ²	5.6 x 2.8	45
SIL2X25TBTC50	ELV high temperature cable 2 x 2.5 mm ²	6.8 x 3.4	70

Packaging

 50 m



Notes

Industry

We also provide many other specific cable ranges for:

INSTRUMENTATION AND CONTROL CABLES

- x Polyurethane cables

TRANSMISSION CABLES

- x Shielded pair cables:
 - LIYCY- CY-TP (individual pair + overall shield)
 - LI2YCY-TP (overall shield) PE / PVC
 - LI2YCY-TP PiMf (overall shield + alum / pair) PE / PVC
- x Shielded intrinsic cables: LIYCY-OZ-EB (blue)
- x RG213
- x RG223
- x RG11 A/U PVC

DRAG CHAIN CABLES

- x 1000 V servo-drive cables

HANDLING SYSTEMS AND LIFT CABLES

- x Halogen-free flat cables
- x Shielded flat cables
- x Lift cables with PVC textile shielding
- x Lift cables with halogen-free textile shielding
- x Communication cables for lifts or networks (CAT.7)

Thermocouple cables

CONDUCTEURS CONDUCTORS		SYMBOLS	NORME FRANÇAISE NFC 42324 DE 1993 <i>French standard NFC 42324 of 1993</i>	ANCIENNE NORME FRANÇAISE NFC 42324 <i>Old French standard NFC 42324</i>	NORME EUROPÉENNE IEC 584.3 <i>European standard IEC 584.3</i>	NORME ALLEMANDE DIN 43714 <i>German standard DIN 43714</i>	NORME AMÉRICAINNE ANSI/MC 96.1 <i>US standard ANSI/MC 96.1</i>	NORME BRITANNIQUE BS 1843 <i>British standard BS 1843</i>
SYMBOLE POSITIF POSITIVE	SYMBOLE NÉGATIF NEGATIVE							
K	CHROMEL NICKEL- CHROME	ALUMEL NICKEL- ALUMINIUM						
	CUivre COPPER	CONSTANTAN CONSTANTAN						
	FER IRON	CUPRONICKEL NICKEL- COPPER						
J	FER IRON	CONSTANTAN CONSTANTAN						
T	CUivre COPPER	CONSTANTAN CONSTANTAN						
S ou R	CUivre COPPER	CUPRONICKEL NICKEL- COPPER						
	CUPRONICKEL NICKEL- COPPER	CUivre COPPER						
E	CHROMEL NICKEL- CHROME	CONSTANTAN CONSTANTAN						
N	NICROSIL NICROSIL	NISIL NISIL						

Special cable design datasheet

Multi-conductor cable

INFORMATION

- x Date:
- x Client:

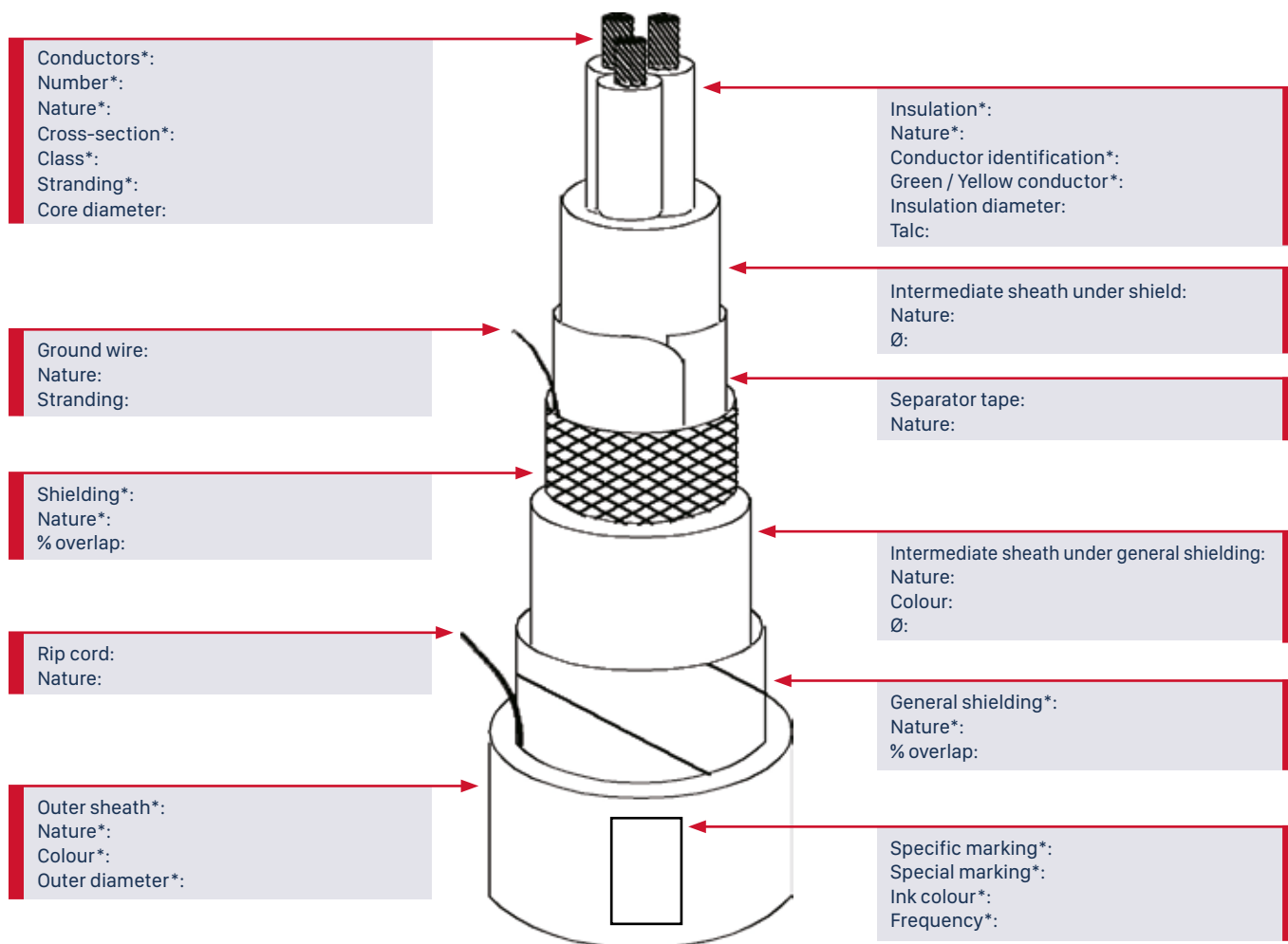
APPLICATION

- x Cable intended for:

ENVIRONMENTAL RESTRICTIONS & STANDARDS

- x Temperature range*:
- x Exposure to UV*:
Exposure to water*:
Exposure to chemical agents, nature*:
Exposure to other external factors*:
- x Moving cable, speed*:
- x Flame and fire resistance*:
- x Other reference standards*:

CONSTRUCTION PARAMETERS



ELECTRICAL REQUIREMENTS

- x Application operating voltage*:
- x Steady state current:

QUANTITIES

- x Quantity required*:
- x Packaging*:

Requirements:
r Completed design sheet (*required)
and/or r Competitor technical datasheet
and/or r Sample
and all technical communications with client
(doc, email, etc.)

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JZBL4G16SH	51			LIYC25X075	65	LIYC8X014	64	LIY5X034	62	MPC3P034	69
JZBL4G1SH	51	LIYC2X014	64	LIYC27X034	65	LIYC8X025	64	LIY5X05	63	MPC3P050	69
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MPI3P050	70	PCMS68F	33	R11NBG18G15	81	R32B3G050	87	R32NBG4G25	86	RNF3G16	90
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MPI4P022	68			R11NBG25G075	81	R32B3G1	87	R32NBG5G075	85	RNF3G25MM	90
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RNFP5G25	92	SIF6xx	104	SYT1524GR	28	TR325G10	97	V		VV5F4G25	54
RNFP5G6	92	SIF70xx	104	SYT21020GR	29	TR325G15	97	V2K075	75	VV5F5G075	54
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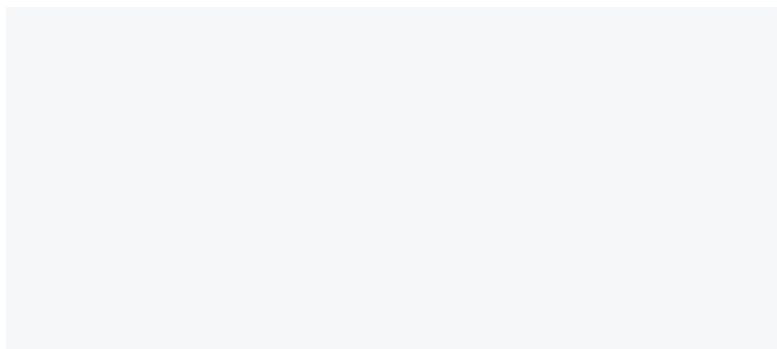
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						YSLJZCY4G075	47		



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