

UF4P6PSH

100 Ω Cable - U/FTP 4x2xAWG27/7 - LSZH - Cat 6 - 250 MHz



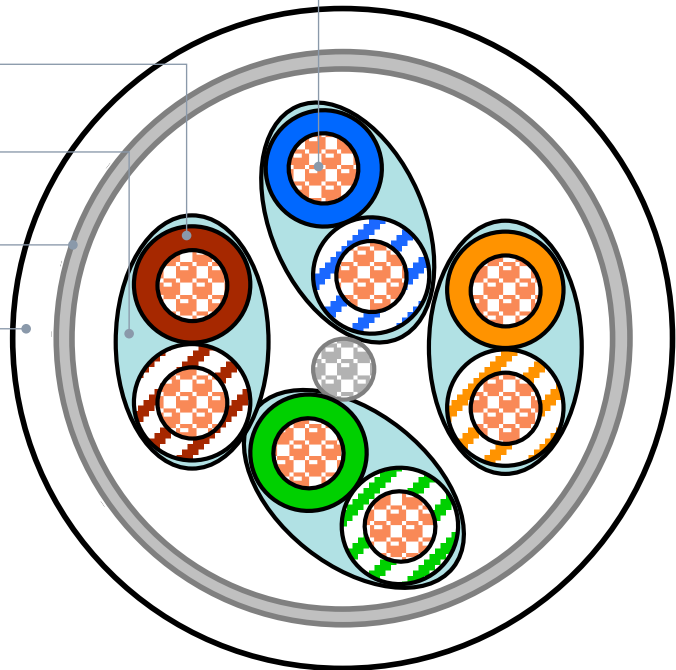
Conductor:
Multistrand copper wire AWG27/7

Insulator:
Polyethylene

Individual Armor:
Aluminium/Polyester Strapping

Mass drain:
Tinned copper

Outer sheath:
LSZH - color white RAL 9003



FT 103/01/2017 EN

PRODUCT INFORMATION

APPLICATION

This shielded twisted pair U/FTP cable is used in making patch cords, it provides the continuity of a Very High-Speed V.D.I (Voice-Data-Image) network.

This cable is used in the transmission of digital and analog signals for voice, data transmission, and video links.

STANDARDS

CABLE SYSTEM IEC 61156-6
ISO 11801 Edition 2 – CLASS E

ELECTRICAL PROPERTIES

Linear electrical resistance: $\leq 160 \Omega / \text{Km}$
Characteristic impedance: 100Ω
Propagation speed: 66%

FEATURES



Fire resistance:
IEC 60332-1 / NF C32-070 C2



LSZH:
IEC 61034 / IEC 60754-1 & -2



Temperature maintenance:
 $-20^\circ \text{C} / +70^\circ \text{C}$



Minimum radius of curvature:
8 x cable diameter



Compliant with the RoHS directive.

TRANSMISSION PERFORMANCES @20°C

Freq (MHZ)	ATTENUATION (dB/100m)		NEXT (dB)		ELFLEXT (dB/100m)		RETURN LOSS (dB)	
	(*)Standard	IDC	Standard	IDC	Standard	IDC	Standard	IDC
1	3.0	2.8	74.3	80.0	72.3	82.0	20.0	25.0
4	6.0	5.6	65.3	76.0	63.3	78.0	23.0	28.0
10	9.0	8.7	59.3	68.0	57.3	70.0	25.0	29.0
16	11.0	10.2	56.2	64.0	54.2	66.0	25.0	29.0
20	13.0	12.0	53.3	62.0	51.3	64.0	24.2	28.4
31.25	16.0	14.9	51.9	62.0	49.9	64.0	23.3	26.4
100	30.0	27.8	44.3	60.0	42.3	62.0	19.0	22.0
200	44.0	41.2	39.8	58.0	37.8	60.0	16.4	19.0
250	49.0	46.9	38.3	56.0	36.3	58.0	15.6	17.8

(*) Standard: Values following IEC 61156-6
 Installation and environmental conditions can modify the values presented above.
 ID Câbles reserves the right to modify these specifications without prior notice.

ARTICLES DATA

	Pares	AWG	Øext (mm)	Kg/Km 	
UF4P6PSH	4	27/7	5.7	42	T500 m