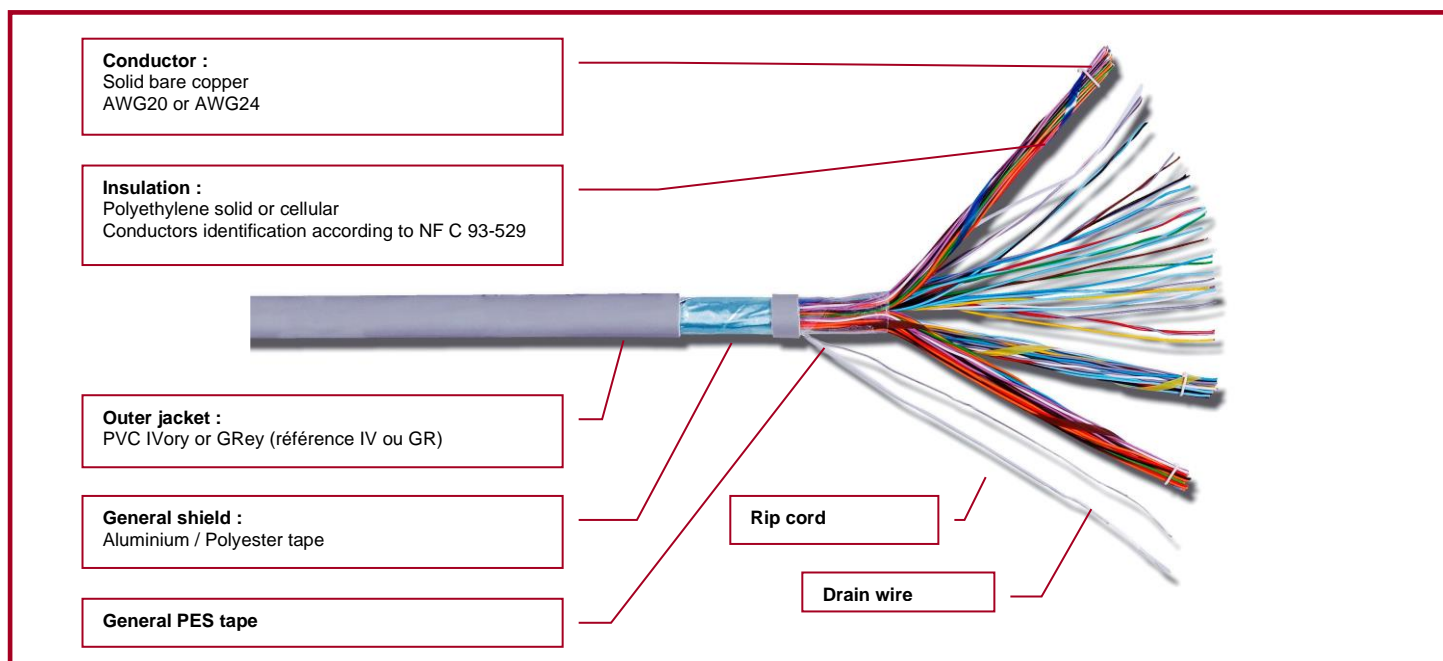


REF : SYT

Digital telephone cables

FT 1 20/10/2022 EN



PRODUCTS INFORMATIONS

Application

Telephone cables for digital high bit rate network telephone links.
Normative reference : NFC 93-529

Description

Assembly : by pairs, assembled in concentric layers (< 21 pairs) or in bundles (≥ 21 pairs).

Marking (black) :

ID CABLES SYT 1 NUM n x 2 x AWG20 + batch N° + metric marking
ID CABLES SYT 1 NUM n x 2 x AWG24 + batch N° + metric marking

With n : number of pairs

Electrical properties

Max. working voltage :	180 Vac
Impedance :	100 Ω ± 20
Capacity at 800 Hz : cond/cond :	< 80 nF/km
Max. Electrical resistance at 20°C:	
AWG20	40.5 Ω/km
AWG24	101 Ω/km

Characteristics



Flame behaviour :
IEC 60332-1 or NF C32-070 Cat C2

EN 50575 :2014 + A1 :2016 Eca



Working Temperature:
- 10°C → + 70°C





Conforme à la directive RoHS

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Product references

 REF	AWG	Nb of pairs	\varnothing mm \pm 10% ← ext.	Kg/Km 
SYT 1.20GRxx	20	1	4.3	21
SYT 2.20GRxx	20	2	6.0	36
SYT 3.30GRxx	20	3	6.8	59
SYT 5.20GRxx	20	5	7.9	73
SYT 7.20GRxx	20	7	8.9	99
SYT 10.20GRxx	20	10	10.3	154
SYT 15.20GRxx	20	15	11.5	193
SYT 21.20GRxx	20	21	13.6	260
SYT 30.20GRxx	20	30	16.1	344
SYT 42.20GRxx	20	42	18.3	470
SYT 56.20GRxx	20	56	20.7	620
SYT 112.20GRxx	20	112	28.0	1100
SYT 1.24GRxx	24	1	3.6	16
SYT 2.24GRxx	24	2	4.6	23
SYT 3.24GRxx	24	3	5.1	25
SYT 5.24GRxx	24	5	6.3	35
SYT 7.24GRxx	24	7	6.7	43
SYT 10.24GRxx	24	10	7.7	65
SYT 15.24GRxx	24	15	8.5	78
SYT 21.24GRxx	24	21	10.3	120
SYT 30.24GRxx	24	30	11.8	164
SYT 42.24GRxx	24	42	13.4	240
SYT 56.24GRxx	24	56	15.0	330
SYT 112.24GRxx	24	112	20.6	504
SYT 224.24GRxx	24	224	26.6	1100

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Pairs colour code according to NF C 93-529

Cable 1 pair : white/red

Cable ≥ 2 pairs : Colour assignment with in the pair is obtained from the centre of the assembly according to the following sequences, repeated as many times as required.

Conductor 1 of the pair : light blue, grey, orange, violet (with colour change every 7 pairs)

Conductor 2 of the pair : white, dark blue, yellow, brown, black, red, green (with colour change every pair)

Bundles are identified by helical coloured PES tapes : white, blue, yellow, brown, black, red, green, violet

Example :

Pair n°1	Light blue	White	Pair n°15	Orange	White
Pair n°2	Light blue	Dark Blue
Pair n°3	Light blue	Yellow	Pair n°21	Orange	Green
Pair n°4	Light blue	Brown	Pair n°22	Violet	White
Pair n°5	Light blue	Black
Pair n°6	Light blue	Red	Pair n°28	Violet	Green
Pair n°7	Light blue	Green			
Pair n°8	Grey	White			
...			
Pair n°14	Grey	Green			