

SYT

Digital phone cable



General PES Ribbon

Mass drain

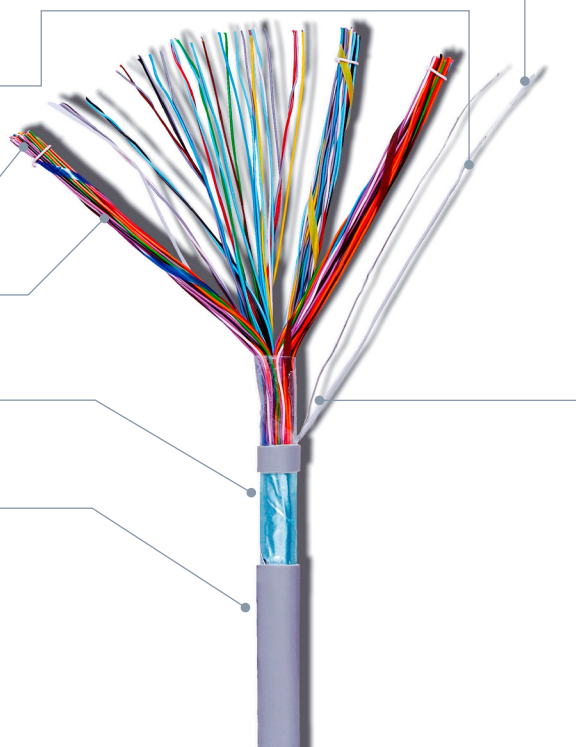
Tear thread

Conductor:
Red copper monobrin
AWG20 or AWG24

Isolation:
Solid or cellular polyethylene
Color coding of pairs: according to NF C 93-529

General armor:
Aluminum/Polyester Tape

Outer sheath:
Ivory or GREY PVC (reference IV or GR)



FT 4 10/01/2019 EN

PRODUCT INFORMATION

APPLICATION

Telephone cables for high-speed digital connections.
Normative reference: NF C 93-529

FEATURES



Fire resistance:
IEC 60332-1
EN 50575 :2014 + A1 :2016 Eca



Serving temperature:
- 10°C → + 70°C



Minimum radius of curvature:
Fixe 10 x Ø Mobile 20 x Ø



Compliant with the RoHS directive

DESCRIPTION OF THE CABLE

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

Marking (black):
SYT PLUS 1 NUM n x 2 x AWG20 + Lot number + Metric marking
With n: number of pairs
SYT PLUS 1 NUM n x 2 x AWG24 + Lot number + Metric marking

ELECTRICAL PROPERTIES

Maximum operating tension:	180 Vac
Impedance:	100 Ω ± 20
Capacity at 800 Hz:	
- cond/cond (same pair):	< 80 nF/km
Maximum linear resistance at 20°C:	
- AWG20	40.5 Ω/km
- AWG24	101 Ω/km

PRODUCT REFERENCES				
		Nb of pairs		
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

COLOR CODE OF PAIRS ACCORDING TO NF C 93-529.						
1 pair cable: white/red Cable ≥ 2 pairs: The color assignment within the pair is done starting from the center of the assembly according to the following sequences, repeated as many times as necessary. Driver 1 of the pair: light blue, gray, orange, purple. (with a color change every 7 pairs). Driver 2 of the pair: white, dark blue, yellow, brown, black, red, green (with color change for each pair). Bundle assembly from 21st pair. Successive color rope spotting: white, blue, yellow, brown, black, red, green, purple.	Example :					
	Pair #1	Light Blue	White	Pair #15	Orange	White
	Pair #2	Light Blue	Dark Blue	...	...	...
	Pair #3	Light Blue	Yellow	Pair #21	Orange	Green
	Pair #4	Light Blue	Brown	Pair #22	Purple	White
	Pair #5	Light Blue	Black	...	...	...
	Pair #6	Light Blue	Red	Pair #28	Purple	Green
	Pair #7	Light Blue	Green			
	Pair #8	Grey	White			
	...	...	...			