

SYT 2

Armored digital telephone cable



FT 3 13/06/2017 EN

Tear thread	
Mass Drain	
Conductor: Red copper Wire AWG20 or AWG24	
Isolation: Solid or cellular polyethylene Color coding of pairs: according to NF C 93-529	
PES Ribbon	
General shielding: Aluminum/Polyester Tape	
Intermediate sheath: PVC Gris	
Aarmor: 2 steel strapping bands	
Outer sheath: PVC Gris	



PRODUCT INFORMATION

APPLICATION

Armored telephone cables for high-speed digital links.
Normative reference: NF C 93-529

ELECTRICAL PROPERTIES

Maximum operating tension:	180 Vac
Impedance at 1 MHz:	100 ± 20
Mutual capacity at 800 Hz: - cond/cond (same pair):	< 80 nF/km
Maximum linear resistance at 20°C: AWG20 AWG24	40.5 Ω/km 101 Ω/km

DESCRIPTION OF THE CABLE

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

Label (black):
SYT2 n x 2 x AWG20 + Lot number + Metric marking
With n: number of pairs
SYT2 n x 2 x AWG24 + Lot number + Metric marking

FEATURES



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



Service temperature:
-10°C → +70°C



Compliant with the RoHS Directive

PRODUCT REFERENCES				
		Number of pairs		
SYT2 2.20 G	20	2	8.6	147
SYT2 3.20 G	20	3	9.5	172
SYT2 5.20 G	20	5	10.5	212
SYT2 10.20 G	20	10	11.9	317
SYT2 15.20 G	20	15	15.8	448
SYT2 30.20 G	20	30	20.2	716
SYT2 56.20 G	20	56	26.6	1161
SYT2 5.24 G	24	5	8.9	154
SYT2 10.24 G	24	10	11.0	222
SYT2 15.24 G	24	15	12.8	293
SYT2 30.24 G	24	30	15.8	425
SYT2 56.24 G	24	56	21.3	680
SYT2 112.24 G	24	112	25.0	1019

COLOR CODE OF PAIRS ACCORDING TO NF C 93-529
Cable 1 pair: white/red Cable ≥ 2 pairs: The color assignment within the pair is done 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, violet (with color change every 7 pairs). Driver 2 of the pair: white, dark blue, yellow, brown, black, red, green (with color change for each pair). The bundles are identified by cables of the following colors: white, blue, yellow, brown, black, red, green, purple.