

SYTAIxx20GR

Individually shielded digital telephone cable



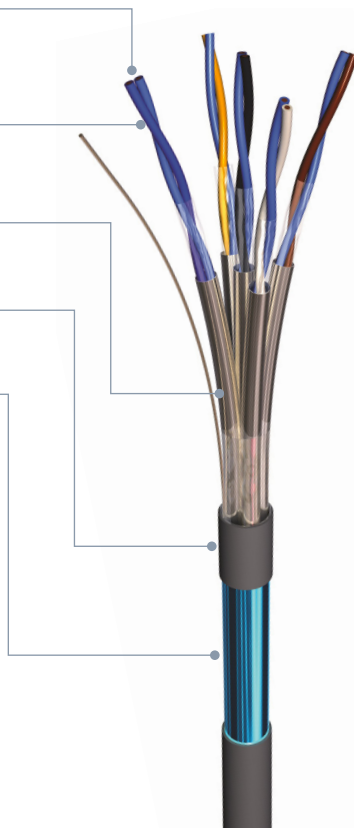
Conductor:
Red copper monobrin
AWG20

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

Individual shielding:
Aluminum/Polyester Tape

Outer sheath:
PVC Ivoire ou GRIS (référence IV ou GR)

General armor:
Aluminum/Polyester Tape + Drain Mass



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PRODUCT INFORMATION

APPLICATION

Telephone cables for high-speed digital connections in a disturbed environment
Normative reference: NF C 93-529

FEATURES



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



Serving temperature:
- 10°C → + 70°C



Compliant with the RoHS Directive

DESCRIPTION OF THE CABLE

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

Black marking:
SYT PLUS 1 NUM AI n x 2 x AWG20 + Lot number + Metric marking
With n: number of pairs

ELECTRICAL PROPERTIES

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

PRODUCT REFERENCES

		Number of pairs		
SYTAI 2.20GRxx	20	2	7.5	36
SYTAI 3.30GRxx	20	3	8.0	59
SYTAI 5.20GRxx	20	5	9.0	73
SYTAI 10.20GRxx	20	10	13.0	154
SYTAI 15.20GRxx	20	15	14.5	193
SYTAI 30.20GRxx	20	30	19.5	344

COLOR CODE OF PAIRS ACCORDING TO NF C 93-529

1 pair cable: white/red Cable $\geq$ 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. <u>Conductor 1 of the pair:</u> light blue, gray, orange, purple. with color change every 7 pairs. <u>Driver 2 of the pair:</u> white, dark blue, yellow, brown, black, red, green (with color change for each pair). Bundle assembly from the 21st pair. Successive spotting by ropes of the following colors: white, blue, yellow, brown, black, red, green, purple.	Example:					
	Pair #1	Light blue	White	Pair #15	Orange	White
	Pair #2	Light blue	Navy blue	...	...	...
	Pair #3	Light blue	Jaune	Pair #21	Orange	Green
	Pair #4	Light blue	Marron	Pair #22	Violet	White
	Pair #5	Light blue	Black	...	...	...
	Pair #6	Light blue	Red	Pair #28	Violet	Green
	Pair #7	Light blue	Green			
	Pair #8	Gray	White			
	...	...	...			