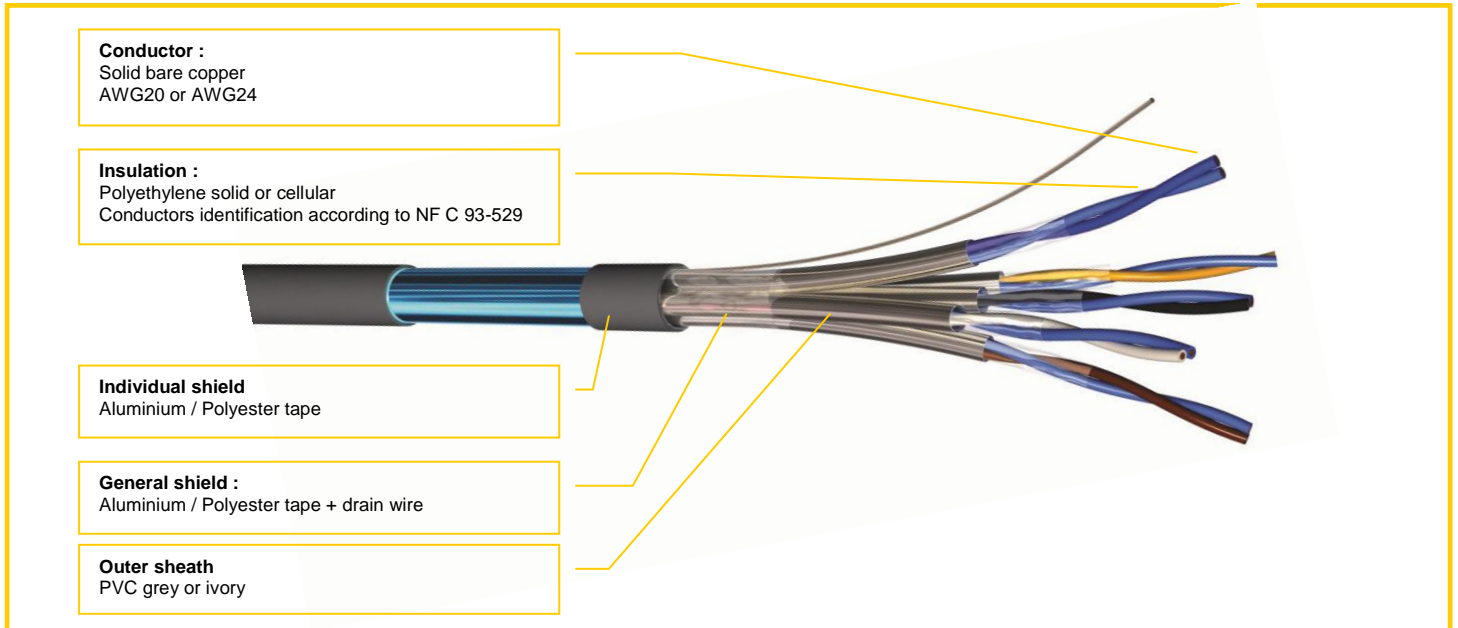


REF : SYT 1 AI NUM

Digital telephone cables - SYT PLUS®



PRODUCTS INFORMATIONS

Application

SYT NUM AI telephone cables for digital high bit rate network telephone links in electromagnetic perturbation area
 Normative reference : NFC 93-529

Description

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

Marking (black) :

SYT PLUS 1 NUM AI n x 2 x AWG20 + batch N° + metric marking
 SYT PLUS 1 NUM AI 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 C 32-070 Cat C2



Working Temperature:
 - 10°C → + 70°C.







According to RoHS standard

REF : SYT 1 AI NUM

Digital telephone cables - SYT PLUS®

Products references

		Nb de paires		
SYTAI 2.20Gxx	20	2	7,5	53
SYTAI 3.20Gxx	20	3	8,3	69
SYTAI 5.20Gxx	20	5	9,6	99
SYTAI 7.20Gxx	20	7	10,8	134
SYTAI 10.20Gxx	20	10	12,2	177
SYTAI 15.20Gxx	20	15	14,0	247
SYTAI 30.20Gxx	20	30	16,5	353
SYTAI 42.20Gxx	20	42	18,8	474
SYTAI 56.20Gxx	20	56	24,4	849
SYTAI 112.20Gxx	20	112	32,5	1592
SYTAI 2.24Gxx	24	2	6,2	34
SYTAI 3.24Gxx	24	3	6,6	42
SYTAI 5.24Gxx	24	5	7,5	56
SYTAI 7.24Gxx	24	7	8,5	73
SYTAI 10.24Gxx	24	10	9,5	94
SYTAI 15.24Gxx	24	15	10,6	126
SYTAI 30.24Gxx	24	30	12,4	180
SYTAI 42.24Gxx	24	42	13,9	235
SYTAI 56.24Gxx	24	56	18,7	408
SYTAI 112.24Gxx	24	112	23,9	786

REF : SYT 1 AI NUM

Digital telephone cables - SYT PLUS®

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			