

Tear thread	
Beloved Annealed red copper 5/10 th	
Isolation: Polyethylene Color according to NF C 93-527-8 See table 2	
Mass drain: Tinned copper: 5/10 th	
PES ribbon	
General armor: Aluminum foil / PET 100% Recovery	
Outer sheath: PVC Gray	

PRODUCT INFORMATION

APPLICATION

PTT 278 cables for indoor installations of local telecommunication networks.
Normative reference: NF C 93-527-8

DESCRIPTION OF THE CABLE

Assemblage: in fourths, the fourths are assembled in bundles
(color code: see table 3)

FEATURES

	Fire resistance: IEC 60332-1 EN 50575 :2014 + A1 :2016 Eca
	Service temperature: - 10°C → + 70°C
	Compliant with the RoHS directive.

ELECTRICAL PROPERTIES

Test voltage - 1 min:	
- cond./cond.	1150 V dc
- cond./screen	1500 V dc
Maximum electrical resistance at 20°C:	96 Ω/km
Minimum insulation resistance at 20°C:	> 5000 MΩ.km
Mutual pair capacity:	
- 2 to 14 pairs	≤ 62 nF/km
- Beyond 14 pairs	≤ 57.5 nF/km

PRODUCT REFERENCES				
	Number of pairs	Number of beams	Number of reserve fourths	
S278.8.05	8	1 (1 × 4 quartes)	0	7.5
S278.14.05	14	1 (1 × 7 quartes)	0	9.1
S278.28. 05	28	1 (1 × 14 quartes)	0	12.0
S278.56. 05	56	4 (4 × 7 quartes)	0	16.0
S278.112. 05	112	4 (4 × 14 quartes)	1	21.5
S278.224. 05	224	8 (8 × 14 quartes)	2	29.0

INSULATION COLOR CODE ACCORDING TO NF C 93-527-8						
Bundle composition		Fourth No.	Insulation color			
14 quarts	7 quarts		Pair 1		Pair 2	
			Wire a	Wire b	Wire c	Wire d
	Element A	1	Gray	White	Natural	Blue
		2	Gray	Yellow	Natural	Brown
		3	Gray	Black	Natural	Red
		4	Gray	Green	Natural	White
		5	Gray	Blue	Natural	Yellow
		6	Gray	Brown	Natural	Black
		7	Gray	Red	Natural	Green
	Element B	8	Orange	White	Violet	Blue
		9	Orange	Yellow	Violet	Brown
		10	Orange	Black	Violet	Red
		11	Orange	Green	Violet	White
		12	Orange	Blue	Violet	Yellow
		13	Orange	Brown	Violet	Black
		14	Orange	Red	Violet	Green

Color code of the reserve quarters: they follow the same color code as the constitution quarters above.
 (First quartet of reserve: Gray-White-Natural-Blue; second quartet of reserve: Gray-Yellow-Natural-Brown)

COLOR CODE FOR BUNDLE TRACKING LINKS.							
Bundle No.	Color of the links	Bundle No.	Color of the links	Bundle No.	Color of the links	Bundle No.	Color of the links
1	Blanc	3	Jaune	5	Noir	7	Vert
2	Bleu	4	Marron	6	Rouge	8	Violet