

SERIE 288

High-speed telephone cable, series 288, 5/10e, LSZH C1



Conductor:
Annealed red copper
5/10th

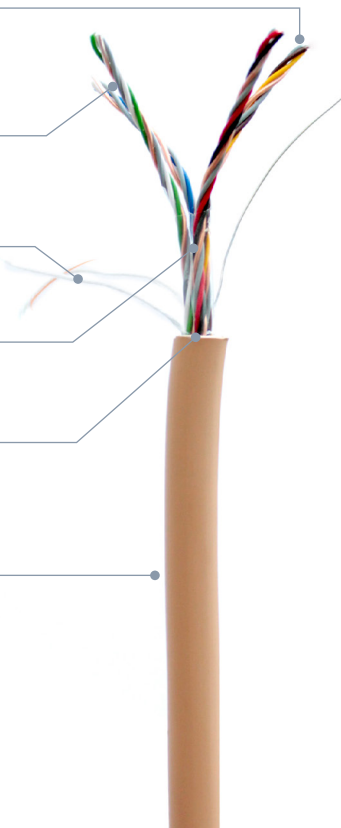
Isolation:
Polyethylene
Color according to
NF C 93-526

Ripping thread

PES Tape

General shielding:
AluPE Tape, Radial Sealing
+ Mass drain Tin-coated copper 5/10ths

Outer sheath:
LSZH C1 compound
Brown



FT 3 12/06/2017 EN

PRODUCT INFORMATION

APPLICATION

The series 288 cables are intended for high-speed indoor and outdoor distribution installations (installed in conduits).
Normative reference: UTE XP C 93-504

CABLE DESCRIPTION

Assembly: in star quarters, the quarters are assembled in bundles (color code: see table).

Marking:
SERIES 288 - Nx2x5/10 - LSZH - NF C32-070 Cat. C1 - A10 - metric
With: n = the number of pairs

ELECTRICAL PROPERTIES

Test tension - 1 min:
- cond./cond 1000 V DC
- cond./screen 1000 V DC

Electrical resistance at 20°C: < 95.9 Ω /km

Minimum insulation resistance at 20 °C: > 5000 M Ω .km

Linear capacity: $\leq$ 57.5 nF/km

CHARACTERISTICS



Flame-retardant: IEC 60332-1 or NF C 32-070 Cat C2
According to NF C 32-070 Cat C1
PV LCIE No. 12(2014)/0128402-657940
EN 50575 :2014 + A1 :2016 Dca



LSZH :
IEC 60754-1 & -2
IEC 61034-1 & -2



Operating temperature:
- 25°C to + 75°C



Compliant with the RoHS directive

TRANSMISSION CHARACTERISTIC					
FREQUENCE(MHz)	1	4	10	20	30
AFFABILISSEMENT max (dB/100m)	2.0	4.0	6.4	9.6	11.2
Min. NEXT (dB)	55	46	40	36	33
Min. PS NEXT (dB)	50	41	35	31	28
Min. ELFEXT (dB/300m)	55	43	35	29	25
Min. PS ELFEXT (dB/300 m)	50	38	30	24	20

PRODUCT REFERENCES			
	Number of pairs	Number of bundles	Ø ext
S288.8.05	8	1 × 4 quartes	8.0
S288.14.05	14	1 x (1+6) quartes	10.5
S288.28.05	28	1 x (4+10) quartes	12.8

INSULATION COLOR CODE ACCORDING TO UTE C 93-526						
Composition of the bundle		Quartet No.	Color of the insulation			
14 quartes	7 quartes		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 FOR THE LOCATING LINKS OF THE BEAMS							
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	White	3	Yellow	5	Black	7	Green
2	Blue	4	Brown	6	Red	8	Violet