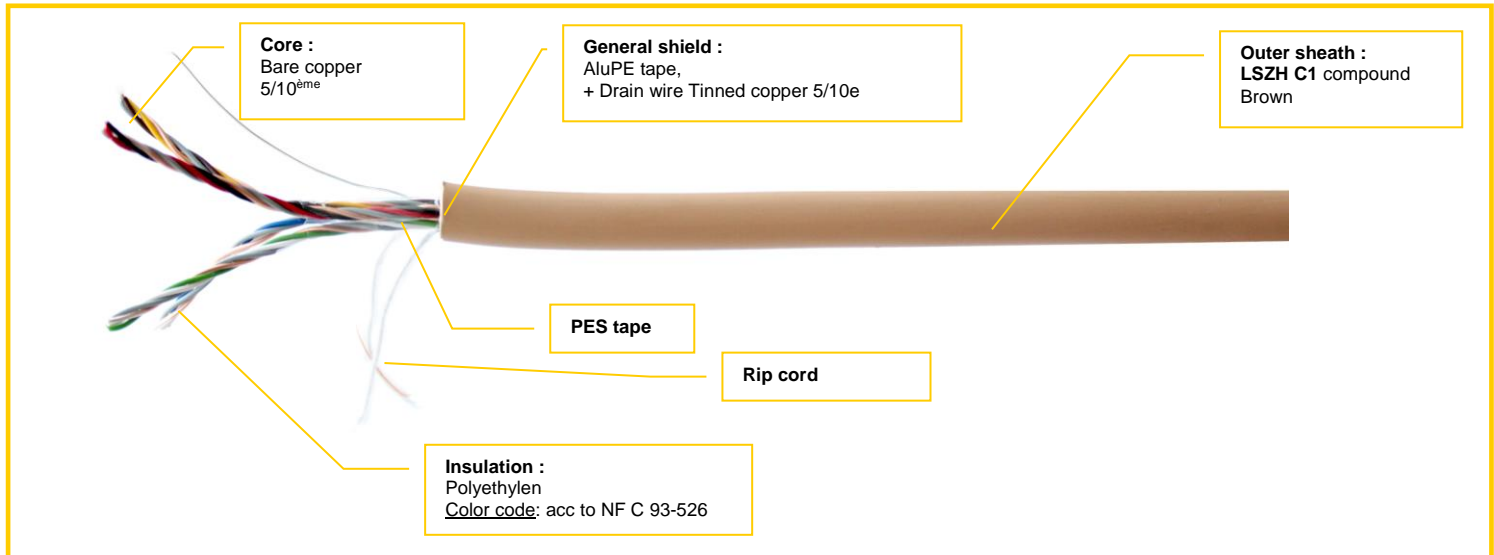


REF : SERIE 288

Telecommunication cable, serie 288 5/10^e, **LSZH C1**



PRODUCTS INFORMATIONS

Application

Serial 288 cables are designed for broadband facilities in indoor and outdoor (laying in duct).
This cable is fire resistant acc. to the test of NF C32-070 Cat.C1 and IEC 60332-3.
Standard: UTE XP C 93-504

Description

Assembly : in stars quad, quads are assembled in bundle (color code: see table).

Marking :
SERIE 288 - nx2x0.5 - LSZH – NF C32-070 Cat.C1 + Batch code
With : n = le nbr of pairs

Electrical properties

Test voltage – 1 min :	
cond./cond	1000 V DC
cond./shield	1000 V DC
Resistance @ 20°C :	< 95.9 Ω/km
Min insulation resistance @ 20 °C :	> 5000 MΩ.km
Linear capacity:	≤ 57.5 nF/km

Characteristics



Fire behavior:
IEC 60332-1 or NF C 32-070 Cat C2
NF C 32-070 **Cat C1**
Cat. C1 acc to LCIE report test:
N° 12(2014)-128402-657940



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

Temperature range :
-25°C → + 75°C



Conform to RoHS directive


REF : SERIE 288

Telecommunication cable, serie 288 5/10^e, **LSZH C1**

Transmission

FREQUENCE(MHz)	1	4	10	20	30
ATTENUATION 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

Products references

 REF	Nb of quads	Nb of bundle	Ø Ext (mm)
288.8.05	8	1 x 4 quads	8.0
288.14.05	14	1 x (1+6) quads	10.5
288.28.05	28	1 x (4+10) quads	12.8
288.56.05	56	4 x (1+6) quads	16.0
288.112.05	112	4 x (4+10) quads	21.6

REF : SERIE 288

Telecommunication cable, serie 288 5/10^e, **LSZH C1**

Color code acc.to NF C 93-526

Composition of bundle		Quad N°	Color of wire			
14 quad	7 quad		Pair 1		Pair 2	
			Fil a	Fil b	Fil c	Fil d
	Element A	1	Grey	White	Natural	Blue
		2	Grey	Yellow	Natural	Brown
		3	Grey	Black	Natural	Red
		4	Grey	Green	Natural	White
		5	Grey	Blue	Natural	Yellow
		6	Grey	Brown	Natural	Black
		7	Grey	Red	Natural	Green
	Element B	8	Orange	White	Purple	Blue
		9	Orange	Yellow	Purple	Brown
		10	Orange	Black	Purple	Red
		11	Orange	Green	Purple	White
		12	Orange	Blue	Purple	Yellow
		13	Orange	Brown	Purple	Black
		14	Orange	Red	Purple	Green

Color code of bundles marker

Bundle N°	Color	Bundle N°	Color	Bundle N°	Color	Bundle N°	Color
1	White	3	Yellow	5	Black	7	Green
2	Blue	4	Brown	6	Red	8	Violet