



CONTACT

Market information
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INSTRUMENTATION, CONTROL AND COMMUNICATION cables

STANDARDS

Product IEC 60228

Installation IEC 60092-350; IEC 60092-360; IEC 60092-376

Test a; IEC 60332-1; IEC 60332-3-22; IEC 60754-1; IEC 61034

APPLICATION

TX[®] (C) 150/250 V overall screened twisted pair cables are used for telecommunication and instrumentation purposes. These cables provide a medium protection against external electromagnetic disturbances. Designed with halogen-free fire retardant materials, they provide optimum safety for people and maximal asset protection against all risks of fire.

Design

1. Conductor

Stranded bare copper class 2

2. Insulation

XLPE (cross-linked polyethylene)

3. Collective screen

Alu/polyester tape with a tinned copper drain wire

4. Outer sheath

Polyolefin SHF1
 Colour : grey

Example of marking

LYNXEO 279 TX(C) Nbr of pairs/triads & cross-section 150/250V 90C IEC 60092-376 IEC 60332-3-22 Cat. A WW YYYY *CE* Manufacturing n°+ metric marking

Core Identification

Pair: white / blue with printed with pair number

Triad: white / blue / red with printed with triad number



Senza alogeno
 IEC 60754-1



Fuoco ritardante
 EN IEC 60332-3-22
 (cat A)



Ritardante la fiamma
 IEC 60332-1



Densita' fumo
 IEC 61034



Fumo
 IEC 60754-2



Resistenza ad interferenza elettromagnetica
 SI



Temperatura Operativa
 -30 ... 80 °C



Temp. max di servizio del conduttore
 90 °C

CHARACTERISTICS

Caratteristiche costruttive

Senza alogeno	IEC 60754-1
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Caratteristiche d'utilizzo

Fuoco ritardante	EN IEC 60332-3-22 (cat A)
Ritardante la fiamma	IEC 60332-1
Densita' fumo	IEC 61034
Fumo	IEC 60754-2
Resistenza ad interferenza elettromagnetica	SI
Temperatura Operativa	-30 ... 80 °C
Temperatura massima di servizio del conduttore	90 °C

PRODUCTS LIST

Reference	Sezione del conduttore del cavo [mm ²]	Numero di coppie	Numero di terne	Diametro esterno min [mm]	Diametro esterno nominale del cavo [mm]	Diametro esterno max [mm]	Peso approssimativo del cavo [kg/km]
	0,75	-	2	10,0	10,8	12,0	150
	0,75	-	4	11,5	12,1	13,5	190
10167362	0,75	1	-	6,1	6,53	7,0	47
10167494	0,75	2	-	6,9	7,42	7,9	71
10167497	0,75	3	-	9,9	10,6	11,4	108
10167498	0,75	4	-	11,0	11,8	12,6	131
10167502	0,75	7	-	13,3	14,3	15,3	205
10167505	0,75	10	-	15,6	16,8	18,0	282
10167507	0,75	14	-	17,5	18,8	21,0	374
10167509	0,75	19	-	19,9	21,4	22,9	483
10167510	0,75	24	-	22,2	23,9	25,6	599
	0,75	37	-	25,5	26,8	29,0	900
	1,5	-	2	12,5	13,4	15,0	240
	1,5	-	4	14,5	15,0	16,5	320
10167511	1,5	1	-	7,3	7,9	8,5	80
10167513	1,5	2	-	8,6	9,2	9,8	118
10167514	1,5	3	-	11,5	12,4	13,3	179
	1,5	4	-	12,5	13,4	15,0	230
10270142	1,5	7	-	15,6	16,8	18,0	360
10167517	1,5	10	-	18,4	19,8	21,2	500
10270133	1,5	14	-	19,9	21,4	22,9	633
	1,5	19	-	25,0	25,8	28,0	910

OTHER CHARACTERISTICS**Test Voltage**

AC between cores of the same unit..... 1.5 kV

Minimum bending radius for fixed installations

- cable diameter \leq 25 mm..... 4 x outer diameter
- cable diameter $>$ 25 mm..... 6 x outer diameter