



### CONTACT

Market information  
 industryprojects.business@lynxéogroup.com

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



Halogen free  
IEC 60754 - 1



Fire retardant  
EN IEC  
60332 - 3 - 22 (cat  
A)



IEC 60332 - 1



IEC 61034



Gases corrosivity  
IEC 60754 - 2



Electro magnetic  
interference  
resistance  
Yes



Operating temp.  
- 30 ... 80 ° C



Max. conductor  
temp. in service  
90 ° C

## CHARACTERISTICS

Halogen free	IEC 60754 - 1
Fire retardant	EN IEC 60332 - 3 - 22 (cat A) IEC 60332 - 1 IEC 61034
Gases corrosivity	IEC 60754 - 2
Electro magnetic interference resistance	Yes
操作度范	- 30 ... 80 ° C
Max. conductor temperature in service	90 ° C

## PRODUCTS LIST

Reference	[mm <sup>2</sup> ]	nb pairs	nb triples	Min. outer diam. [mm]	Nom. outer diam. [mm]	Max. outer diam. [mm]	( [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 25 mm..... 4 x outer diameter
- cable diameter > 25 mm..... 6 x outer diameter