



Reference: 10167494  
EAN 13: 3427650093348

### 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



Conductor flexibility

2



Halogen free  
IEC 60754 - 1



Uo/U  
(Um)  
150 / 250 (300) V



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



IEC 60332 - 1



IEC 61034



Gases corrosivity  
IEC 60754 - 2



Electro magnetic  
interference  
resistance  
Yes

## CHARACTERISTICS

Conductor flexibility		2
Overall screen	XLPE(가 )	
Drain wire	Aluminium/polyester tape	
Sheath colour		
Halogen free		IEC 60754 - 1
Number of pairs		2
Number of triples		-
		0.75 mm <sup>2</sup>
Nominal outer diameter		7.42 mm
Minimum outer diameter		6.9 mm
Maximum outer diameter		7.9 mm
( )		71 kg/km
U <sub>0</sub> /U (U <sub>m</sub> )		150 / 250 (300) V
20 ° C	DC	52 Ohm/km
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

## 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