



Reference: 10167505
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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



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		10
Number of triples		-
		0.75 mm ²
Nominal outer diameter		16.8 mm
Minimum outer diameter		15.6 mm
Maximum outer diameter		18.0 mm
()		282 kg/km
U ₀ /U (U _m)		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