



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



导线柔软度
绞和等级2



无卤
IEC 60754-1



额定电压U_o/U
150 / 250 (300) V



阻燃
EN IEC 60332-3-22
(cat A)



阻燃 - 火焰
IEC 60332-1



烟密度
IEC 61034



气体腐蚀性
低 IEC 60754-2



抗电磁干扰
是

CHARACTERISTICS

结构特性

导体材料	裸铜线
导线柔软度	绞和等级2
绝缘	XLPE (Cross-linked Polyethylene)
总屏蔽	Aluminium/polyester tape
加蔽线	镀锡铜
外护套	聚烯烃
护套颜色	灰
无卤	IEC 60754-1

尺寸特性

线对数	4
三线组数	-
导线截面	1.5 mm ²
标称外径	13.4 mm
外径最小值	12.5 mm
Maximum outer diameter	15.0 mm
近似重量	230 kg/km

电气特性

额定电压U ₀ /U	150 / 250 (300) V
20° C时导体的最大直流电阻	25.6 Ohm/km

使用特性

阻燃	EN IEC 60332-3-22 (cat A)
阻燃 - 火焰	IEC 60332-1
烟密度	IEC 61034
气体腐蚀性	低 IEC 60754-2
抗电磁干扰	是
操作温度范围	-30 ... 80 ° C
芯线最高静止温度	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