



Reference: 10167498  
EAN 13: 3427650093386

### 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<sub>o</sub>/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                   | 0.75 mm <sup>2</sup> |
| 标称外径                   | 11.8 mm              |
| 外径最小值                  | 11.0 mm              |
| Maximum outer diameter | 12.6 mm              |
| 近似重量                   | 131 kg/km            |

## 电气特性

|                       |                   |
|-----------------------|-------------------|
| 额定电压U <sub>0</sub> /U | 150 / 250 (300) V |
| 20° C时导体的最大直流电阻       | 52 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