



## TT XLPO- $\sigma$ ST-XLPO

Overall screened extension or compensating, LSZH 125 °C  
TT\*/XLPO/OS/LSZH  
(\*Thermocouple Type Conductor)



**Info**

**TT UG10XOHM2 300 V**  
**EN 50288-7**  
**IEC 60584-3**  
**ISA MC 96.1**

**Benefits**

- Sunlight resistant
- Hydrocarbon and Chemical resistant
- Fire behaviour
- Oil resistant

**Product features**

Twisted pair, overall screened cable, XLPO insulated and LSZH jacketed 125 °C

**Norm references / Approvals**

- **Hydrocarbon & Oil resistance**  
CEI 20-34/0
- **Smoke**  
IEC 61034-1 and 2
- **Halogen acid gas**  
IEC 60754-1 and 2
- **Fire behaviour**  
IEC 60332-1-2  
IEC 60332-3-22 (Cat. A)

**Design**

- **Conductor:** Solid alloys according to IEC 60584-3, ISA MC 96.1
- **Core insulation:** XLPO
- **Screen:** OS Aluminum/PET + TC Drain wire
- **Outer sheath:** XLPO, LSZH, color in accordance with IEC 60584-3, or ISA MC 96.1

**Technical data**

- Core identification code:**  
in accordance with IEC 60584-3, or ISA MC 96.1 (SEE TT)
- Insulation resistance:**  
1000 MOhm x km
- Conductor stranding:**  
Solid alloys
- Nominal Voltage U0/U:**  
300/300 V
- Test voltage:**  
C/C 1500 V x 1 minute
- Temperature range:**  
during operation: -40° to +125°C  
during installation: -5° to +50°C
- Minimum Bending Radius:**  
8 x Outer Diameter

Number cores and mm <sup>2</sup> (AWG) per conductor	Approx. Outer Diameter mm	Alloy index kg/km	Approx. Weight kg/km
<b>TT XLPO-<math>\sigma</math>ST-XLPO</b>			
20x2x0,5 (20 AWG)	16,5	206,4	363
24x2x0,5 (20 AWG)	18,4	246,7	428
1x2x0,8 (18 AWG)	5,5	20,1	42
2x2x0,8 (18 AWG)	8,1	35,5	82
6x2x0,8 (18 AWG)	11,6	97,1	184
10x2x0,8 (18 AWG)	14,9	158,7	281
12x2x0,8 (18 AWG)	15,4	189,5	314
16x2x0,8 (18 AWG)	17,2	251,1	411
20x2x0,8 (18 AWG)	19,2	312,7	511
24x2x0,8 (18 AWG)	21,4	374,3	601
1x2x1,3 (16 AWG)	6,6	29,6	59
2x2x1,3 (16 AWG)	9,7	54,5	119
6x2x1,3 (16 AWG)	13,7	153,9	266
10x2x1,3 (16 AWG)	17,9	253,3	419
12x2x1,3 (16 AWG)	18,5	303,1	470
16x2x1,3 (16 AWG)	20,8	402,5	619
20x2x1,3 (16 AWG)	23,3	501,9	783
24x2x1,3 (16 AWG)	26,1	601,4	920

Where X=0 for KX, X=1 for KCA, X=2 for KCB, X=3 for EX, X=4 for TX, X=5 for JX, X=6 for BX, X=7 for RCA/SCA RCB/SCB, X=8 for NX, X=9 for NC

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products

**AVAILABLE ALSO IN:** Other conductor sizes and stranding