



TT PVC-oST-PVC

Overall screened extension or compensating
TT*/PVC/OS/PVC
(*Thermocouple Type Conductor)



Info

TT URXOHR 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, PVC insulated and PVC jacketed

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
CEI 20-34/0
- **Halogen acid gas**
IEC 60754-1 (max. 20%)
- **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:** PVC
- **Screen:** OS Aluminum/PET + TC Drain wire
- **Outer sheath:** PVC, 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:**
100 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: -30° to +70°C
during installation: -5° to +50°C
- Minimum Bending Radius:**
8 x Outer Diameter

Number cores and mm ² (AWG) per conductor	Approx. Outer Diameter mm	Alloy index kg/km	Approx. Weight kg/km
TT PVC-oST-PVC			
1x2x0,5 (20 AWG)	4,9	14,8	34
2x2x0,5 (20 AWG)	7,2	24,9	65
6x2x0,5 (20 AWG)	10,0	65,2	135
10x2x0,5 (20 AWG)	12,8	105,6	206
12x2x0,5 (20 AWG)	13,2	125,7	229
16x2x0,5 (20 AWG)	14,8	166,1	300
20x2x0,5 (20 AWG)	16,5	206,4	371
24x2x0,5 (20 AWG)	18,4	246,7	437
1x2x0,8 (18 AWG)	5,5	20,1	43
2x2x0,8 (18 AWG)	8,1	35,5	84
6x2x0,8 (18 AWG)	11,6	97,1	187
10x2x0,8 (18 AWG)	14,9	158,7	287
12x2x0,8 (18 AWG)	15,4	189,5	320
16x2x0,8 (18 AWG)	17,2	251,1	420
20x2x0,8 (18 AWG)	19,2	312,7	521
24x2x0,8 (18 AWG)	21,4	374,3	613
1x2x1,3 (16 AWG)	6,6	29,6	60
2x2x1,3 (16 AWG)	9,7	54,5	121
6x2x1,3 (16 AWG)	13,7	153,9	270
10x2x1,3 (16 AWG)	17,9	253,3	427
12x2x1,3 (16 AWG)	18,5	303,1	479
16x2x1,3 (16 AWG)	20,8	402,5	630
20x2x1,3 (16 AWG)	23,3	501,9	797
24x2x1,3 (16 AWG)	26,1	601,4	937

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