



TT PVC-oST-PVC-SWA-PVC

Armoured overall screened extension or compensating
TT*/PVC/OS/PVC/SWA/PVC
(* Thermocouple Type Conductor)



Info

TT URXOHRFR 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

Armoured 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
- **Inner sheath:** PVC, color in accordance with IEC 60584-3, or ISA MC 96.1
- **Armour:** Galvanized steel 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:**
10 x Outer Diameter

Number cores and mm ² (AWG) per conductor	Approx. Outer Diameter mm	Copper index kg/km	Approx. Weight kg/km
TT PVC-oST-PVC-SWA-PVC			
1x2x0,5 (20 AWG)	9,6	14,8	174
2x2x0,5 (20 AWG)	11,8	24,9	252
6x2x0,5 (20 AWG)	14,8	65,2	388
10x2x0,5 (20 AWG)	17,8	105,6	529
12x2x0,5 (20 AWG)	18,3	125,7	561
16x2x0,5 (20 AWG)	19,9	166,1	667
20x2x0,5 (20 AWG)	22,5	206,4	900
24x2x0,5 (20 AWG)	24,6	246,7	1.033
1x2x0,8 (18 AWG)	10,1	20,1	194
2x2x0,8 (18 AWG)	12,9	35,5	296
6x2x0,8 (18 AWG)	16,6	97,1	483
10x2x0,8 (18 AWG)	19,9	158,7	655
12x2x0,8 (18 AWG)	20,6	189,5	708
16x2x0,8 (18 AWG)	23,2	251,1	970
20x2x0,8 (18 AWG)	25,4	312,7	1.138
24x2x0,8 (18 AWG)	27,6	374,3	1.295
1x2x1,3 (16 AWG)	11,2	29,6	234
2x2x1,3 (16 AWG)	14,6	54,5	369
6x2x1,3 (16 AWG)	18,8	153,9	613
10x2x1,3 (16 AWG)	23,9	253,3	997
12x2x1,3 (16 AWG)	24,7	303,1	1.078
16x2x1,3 (16 AWG)	27,0	402,5	1.293
20x2x1,3 (16 AWG)	29,7	501,9	1.549
24x2x1,3 (16 AWG)	32,7	601,4	1.784

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, Armour SWB, DSTA