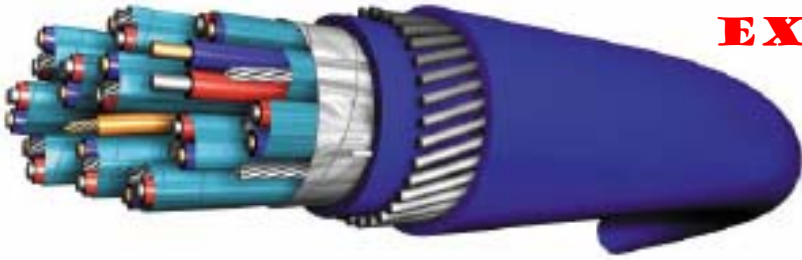


SWA CABLE

SERVED WIRE ARMOUR THERMOCOUPLE EXTENSION CABLE

Individual / Overall Shield Served Wire Armor
UL listed 300 volt pvc insulated 105°C



Applications

- Petrochemical Plants
- Utilities and Industrial Plants
- Thermocouple Circuits

Product Features

- UL Listed Subject 13 PL TC
- Rated 105C 300 Volt
- Flame Retardant
- Passes IEEE 383 Flame Test
- Passes VW-1 Flame Test
- Sunlight resistant

Product Specifications

<u>Conductors:</u>	Solid thermocouple extension wire per ASTM E230 & ANSI MC96.1 20 AWG, 0.81mm dia, 16 AWG, 1.29mm dia
<u>Calibrations:</u>	K, J, T, R, S, N
<u>Insulation:</u>	Nominal 0.40mm flame retardant PVC
<u>Color Code:</u>	Per ASTM E230 & ANSI MC96.1, numbered on positive conductor (other colors available)
<u>Construction:</u>	Twisted pairs
<u>Individual Shield:</u>	0.03mm aluminium / polyester tape, 25% overlap
<u>Pair Drain Wire:</u>	22 AWG 7– strand tinned copper
<u>Communication Wire:</u>	22 AWG (.61mm) 7 strand copper insulated with nominal 0.38mm orange PVC (4 pair and larger)
<u>Cable Shield:</u>	0.05mm aluminium/polyester tape, 25% overlap
<u>Cable Drain Wire:</u>	20 AWG 7-strand tinned copper
<u>Inner Jacket:</u>	Flame retardant PVC with ripcord under jacket
<u>Armor:</u>	Galvanized steel served wire, 80% nominal coverage
<u>Outer Jacket:</u>	Flame retardant PVC with ripcord under jacket

Dimensions for 20 AWG Solid Conductors

No. of pairs	Outer Jacket Thickness mm	Outer Diameter mm	Bend Radius mm	Pull Tension kg	Net Weight Kg / km
1	0.94	8.8	106	25	132
4	1.07	13.5	162	65	297
8	1.35	17.2	206	113	466
12	1.35	19.8	237	172	664
16	1.63	22.0	264	212	790
24	1.63	25.4	303	286	1073

Dimensions for 16 AWG Solid Conductors

No. of pairs	Outer Jacket Thickness mm	Outer Diameter mm	Bend Radius mm	Pull Tension kg	Net Weight Kg / km
1	1.35	10.4	124	43	181
4	1.63	16.9	203	128	479

Temperature °Controls Pty Ltd

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