

THERMOCOUPLE WIRE AND CABLE

HIGH TEMP. THERMOCOUPLE EXTENSION CABLE

200°C 300 VOLT

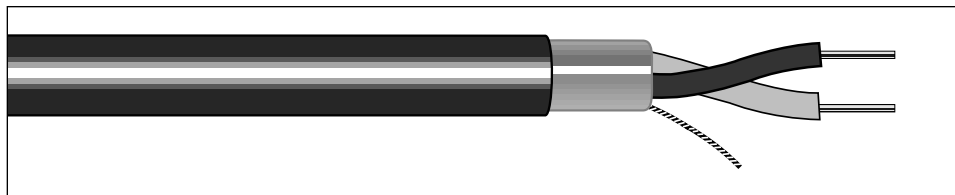
CHARACTERISTICS

OPERATING TEMPERATURE:

- -80°C to 200°C

PRODUCT DESCRIPTION:

- Solid Alloy Wire Matched and Calibrated to Standard Limits of Error per ISA Specification RP-1.1-3 and ANSI Circular MC 96.1
- ANSI Color-Coded FEP Teflon* Insulation
- Twisted Pairs
- Shield: Aluminum/Polyester, Foil Facing In Tinned Copper Drain Wire
- FEP Teflon* Jacket



SHIELDED TWISTED PAIR 16, 20 AWG SOLID CONDUCTOR

Alpha Part No. Type JX	Alpha Part No. Type KX	Alpha Part No. Type TX	AWG	Nom. Insul. Thickness		Nom. Jacket Thickness		Nom. O.D.	
				Inches	mm	Inches	mm	Inches	mm
▲ 5717/1601	▲ 5718/1601	5719/1601	16	0.010	0,25	0.015	0,38	0.181	4,60
▲ 5717/2001	▲ 5718/2001	5719/2001	20	0.010	0,25	0.015	0,38	0.144	3,66

SPECIFICATIONS

- ISA Specification RP-1.1-3
- ANSI Circular MC 96.1

AVAILABILITY

- Bulk, Cut to Length
- Items Marked With ▲:
Also Available in 100 ft (30,5m),
500 ft (152m) and 1000 ft
(305m) put-ups

*Registered trademark of E.I. DuPont Co.

Thermocouple Wire Diameter and Resistance Information

THERMOCOUPLE WIRE DIAMETER AND RESISTANCE (Ohms per 100 Double Feet @ 20°C)

AWG	Diameter, Inches (Single Conductor)	Type J Iron/Constantan	Type K Chromel/Alumel	Type T Copper/Constantan	Type E Chromel/Constantan	Type S and R Copper/Alloy #11
14	0.0641	8.92	14.72	7.43	17.58	0.93
16	0.0508	14.06	23.23	11.70	27.70	1.48
18	0.0403	22.86	37.70	19.05	45.00	2.39
20	0.0320	35.69	58.80	29.72	70.20	3.76
22	0.0253	56.71	93.90	47.21	111.90	5.97
24	0.0201	90.47	148.80	75.37	177.80	9.50
28	0.0126	229.70	379.00	191.49	453.00	24.01
30	0.0100	365.00	602.00	304.32	719.00	38.18



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