

T-801

THERMOCOUPLE CABLE PTFE - PTFE - ASBESTOS BRAIDING INSULATED - 400°C



JSS 51034, ANSI MC 96.1

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 / 77 & IEC5843
Insulation	: PTFE Insulation
Construction	: Twisted / Flat
Inner Jacket	: PTFE Insulation
Outer Jacket	: Asbestos Braiding
Operating Temp. :	400°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Thermal Stability
- ✓ Excellent Chemical Resistivity
- ✓ Good Abrasion Resistance
- ✓ Good Moisture Resistance.
- ✓ Excellent Dielectric Strength
- ✓ High Temperature Rated

AVAILABLE OPTIONS

- ✓ Overall Metal Braiding
- ✓ Twisted / Shielded Pair
- ✓ Special Colour Code
- ✓ Calibration Test Report
- ✓ Available upto 1.1 KV

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX) (gm/meter)
T801	1	0.510	0.2	0.51	T / F	3.8	18.1
T802	1	0.711	0.4	0.711	T / F	4.6	27.9
T803	7	0.274	0.42	0.81	T / F	4.7	28.6
T804	13	0.200	0.4	0.81	T / F	4.7	27.9
T805	3	0.711	1.2	1.39	T / F	6.4	57.6
T806	7	0.300	0.5	0.89	T / F	4.9	31
T807	24	0.200	0.75	1.1	T / F	5.8	39.5
T808	14	0.300	1	1.26	T / F	6.1	47
T809	21	0.300	1.5	1.55	T / F	6.8	67
T810	1	1.020	1.81	1.02	T / F	5.7	42.8
T811	1	1.290	1.3	1.29	T / F	6.2	62.5
T812	19	0.300	1.3	1.52	T / F	6.7	62.5
T813	7	0.152	0.12	0.46	T / F	3.2	17
T814	7	0.160	0.14	0.48	T / F	3.3	17.9
T815	7	0.200	0.22	0.59	T / F	4.1	18.5
T816	14	0.200	0.45	0.84	T / F	4.8	29
T817	1	0.810	0.5	0.81	T / F	4.7	30
T818	40	0.200	1.25	1.42	T / F	6.6	60

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(TXXX)	(X)	(X)	(XX)	(X)	(X)
801 to 818	K T J E N R S D B	T X C	01 02 - - - - 24	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted) F-(Flat)

Table 1