

T-801

THERMOCOUPLE CABLE

PTFE - PTFE - ASBESTOS BRAIDING
INSULATED - 300°C



JSS 51034, IEC 60584.3, JSS 51038

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple / Extension / Compensating Grade Materials as per ASTM E230 / 77 & IEC5843
Insulation	: PTFE Insulation
Construction	: Twisted / Flat
Inner Jacket	: PTFE Insulation
Outer Jacket	: Asbestos Braiding
Operating Temp.	: 300°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 300°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
- ✓ NABL Calibration Test Report
- ✓ Available upto 1.1 KV

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	AWG / SWG No	No of Strands	Strain Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
T801	Solid	24 AWG	1	0.51	0.20	0.51	Twisted/Flat	4.1x2.6	4.3	18.0
T802	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted/Flat	4.2x2.7	4.4	19.0
T803	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted/Flat	4.9x3.6	5.1	25.0
T804	Solid	22 SWG	1	0.71	0.40	0.71	Twisted/Flat	4.9x3.6	5.1	27.0
T805	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted/Flat	5.1x3.8	5.3	28.0
T806	Solid	20 AWG	1	0.81	0.50	0.81	Twisted/Flat	5.1x3.8	5.3	31.0
T807	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted/Flat	5.2x4.0	5.4	31.0
T808	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted/Flat	5.2x4.0	5.4	31.0
T809	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted/Flat	5.3x4.1	5.5	34.0
T810	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted/Flat	5.6x4.1	5.8	36.0
T811	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted/Flat	5.6x4.1	5.8	36.0
T812	Solid	18 AWG	1	1.02	0.81	1.02	Twisted/Flat	5.4x4.2	5.6	40.0
T813	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted/Flat	5.8x4.5	6	43.0
T814	Solid	17 AWG	1	1.13	1.00	1.13	Twisted/Flat	5.6x4.3	5.8	45.0
T815	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted/Flat	6.0x4.3	6.3	45.0
T816	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted/Flat	6.0x4.3	6.3	45.0
T817	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted/Flat	6.0x4.3	6.3	45.0
T818	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted/Flat	6.6x4.5	6.8	55.0
T819	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted/Flat	6.4x4.3	6.6	58.0
T820	Solid	16 AWG	1	1.29	1.30	1.29	Twisted/Flat	6.0x4.3	6.3	60.0
T821	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted/Flat	6.6x4.5	6.8	60.0
T822	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted/Flat	6.6x4.5	6.8	63.0
T823	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted/Flat	6.6x4.5	6.8	63.0
T824	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted/Flat	6.6x4.5	6.8	63.0
T825	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted/Flat	6.6x4.5	6.8	63.0

Note : Above Parameters are considering single pair cable

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 825	K T J E N R S C B	T X C	01 02 - - - - 24	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted) F-(Flat)

Table 1