

T-101

THERMOCOUPLE CABLE

PTFE TWISTED PAIR - 260°C



JSS 51034, IEC 60584.3

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistranded Thermocouple/Extension/Compensating Grade Materials as per ASTM E230 / 77 & IEC5843
Insulation	: PTFE Insulation
Construction	: Twisted
Operating Temp.	: 260°C
Limits of Error	: According to ASTM E230 / 77
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. upto 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test
- ✓ Halogen Free & Low Smoke

AVAILABLE OPTIONS

- ✓ Metal braiding
- ✓ Fibreglass braided
- ✓ Polyimide Insulated
- ✓ Special Color Code
- ✓ NABL Calibration Test Report
- ✓ Available upto 1.1 KV Voltage Grade

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Twisted)	Nominal Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
T101	Solid	24 AWG	1	0.51	0.20	0.51	Twisted	2.10	-	7.2
T102	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted	2.20	-	7.5
T103	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted	2.50	-	11.5
T104	Solid	22 SWG	1	0.71	0.40	0.71	Twisted	2.50	-	12.5
T105	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	2.90	-	13.0
T106	Solid	20 AWG	1	0.81	0.50	0.81	Twisted	2.90	-	14.0
T107	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	3.00	-	14.0
T108	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	3.00	-	14.0
T109	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted	3.10	-	16.0
T110	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	3.50	-	22.0
T111	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	3.50	-	22.0
T112	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	3.20	-	23.0
T113	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted	3.60	-	26.0
T114	Solid	17 AWG	1	1.13	1.00	1.13	Twisted	3.50	-	28.0
T115	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	3.80	-	28.0
T116	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	3.80	-	28.0
T117	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	3.80	-	28.0
T118	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	4.50	-	32.0
T119	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	4.40	-	33.0
T120	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	3.80	-	35.0
T121	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted	4.50	-	35.0
T122	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	4.60	-	38.0
T123	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	4.50	-	38.0
T124	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	4.50	-	38.0
T125	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	4.50	-	38.0

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(TXXX)	(X)	(X)	(XX)	(X)	(X)
101 to 125	K T J E N R S C B	T X C	01	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted)

Table 1