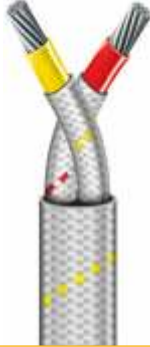


# T-701

## THERMOCOUPLE CABLE

PTFE - FIBER GLASS - FIBER GLASS  
INSULATED - 400°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 & Fiber Glass Insulation with high temperature Varnish
Construction	: Twisted / Flat
Outer Jacket	: Fiber Glass Insulation with High Temp. Varnish.
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
- ✓ Good Thermal Stability
- ✓ Fair Abrasion Resistance
- ✓ Good Dielectric Strength

### AVAILABLE OPTIONS

- ✓ Metal Braiding over Jacket
- ✓ 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 <sup>2</sup> )	Nominal Bundched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
T701	Solid	24 AWG	1	0.51	0.20	0.51	Twisted/Flat	3.4x2.0	3.4	17.0
T702	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted/Flat	3.5 x 2.1	3.5	18.0
T703	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted/Flat	4.1X2.4	4.1	23.0
T704	Solid	22 SWG	1	0.71	0.40	0.71	Twisted/Flat	4.1X2.4	4.1	26.0
T705	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted/Flat	4.3x2.5	4.3	29.0
T706	Solid	20 AWG	1	0.81	0.50	0.81	Twisted/Flat	4.3x2.5	4.3	32.0
T707	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted/Flat	4.4x2.6	4.4	32.0
T708	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted/Flat	4.4x2.6	4.4	32.0
T709	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted/Flat	4.6x2.7	4.6	35.0
T710	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted/Flat	5.0x2.9	5	39.0
T711	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted/Flat	5.0x2.9	5	39.0
T712	Solid	18 AWG	1	1.02	0.81	1.02	Twisted/Flat	5.0x2.9	5	41.0
T713	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted/Flat	5.5x3.1	5.5	46.0
T714	Solid	17 AWG	1	1.13	1.00	1.13	Twisted/Flat	5.5x3.1	5.5	50.0
T715	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted/Flat	5.7x3.3	5.7	50.0
T716	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted/Flat	5.7x3.3	5.7	50.0
T717	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted/Flat	5.7x3.3	5.7	50.0
T718	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted/Flat	6.2x 3.5	6.2	55.0
T719	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted/Flat	6.1x3.4	6.1	57.0
T720	Solid	16 AWG	1	1.29	1.30	1.29	Twisted/Flat	5.7x3.3	5.7	60.0
T721	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted/Flat	6.2x 3.5	6.2	60.0
T722	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted/Flat	6.3x 3.6	6.3	68.0
T723	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted/Flat	6.2x 3.5	6.2	68.0
T724	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted/Flat	6.2x 3.5	6.2	68.0
T725	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted/Flat	6.2x 3.5	6.2	68.0

**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)
701 to 725	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