

T-351

THERMOCOUPLE CABLE

PTFE - PTFE - MICA - FIBER GLASS
INSULATED - 350°C



JSS 51034, JSS 51037, ANSI MC 96.1

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 / 77 & IEC5843
Insulation	: PTFE Insulation
Construction	: Twisted
Inner Sheath	: PTFE Temperature Saturated
Outer Sheath	: Mica Tape / Fiber Glass with High Temp. Varnish
Operating Temp.	: 350°C
Limit of Error	: According to ASTM E230 / 77, IEC 584
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 350°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Thermal Resistant
- ✓ Excellent Flame Retardant
- ✓ Good Abrasion Resistance
- ✓ Excellent water submersion Properties
- ✓ High Temperature Rated

AVAILABLE OPTIONS

- ✓ Asbestos Braiding over Jacket
- ✓ Metal braiding
- ✓ Twisted / Shielded Pair
- ✓ Special Colour Code
- ✓ 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 (mm²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Flat)	Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
T351	Solid	24 AWG	1	0.51	0.20	0.51	Twisted/Flat	3.4x2.4	3.4	21.0
T352	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted/Flat	3.5x2.5	3.5	22.0
T353	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted/Flat	4.3x3.0	4.3	27.0
T354	Solid	22 SWG	1	0.71	0.40	0.71	Twisted/Flat	4.3x3.0	4.3	29.0
T355	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted/Flat	4.6x3.1	4.6	31.0
T356	Solid	20 AWG	1	0.81	0.50	0.81	Twisted/Flat	4.6x3.1	4.6	33.0
T357	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted/Flat	4.7x3.2	4.7	33.0
T358	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted/Flat	4.7x3.2	4.7	33.0
T359	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted/Flat	4.8x3.3	4.8	36.0
T360	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted/Flat	5.1x3.3	5.1	42.0
T361	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted/Flat	5.1x3.3	5.1	42.0
T362	Solid	18 AWG	1	1.02	0.81	1.02	Twisted/Flat	5.1x3.3	5.1	43.0
T363	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted/Flat	5.3x3.5	5.3	46.0
T364	Solid	17 AWG	1	1.13	1.00	1.13	Twisted/Flat	5.3x3.5	5.3	55.0
T365	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted/Flat	5.6x3.7	5.6	55.0
T366	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted/Flat	5.6x3.7	5.6	55.0
T367	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted/Flat	5.6x3.7	5.6	55.0
T368	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted/Flat	6.2x3.9	6.2	63.0
T369	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted/Flat	5.8x3.7	5.8	66.0
T370	Solid	16 AWG	1	1.29	1.30	1.29	Twisted/Flat	5.6x3.7	5.6	69.0
T371	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted/Flat	6.2x3.9	6.2	69.0
T372	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted/Flat	6.2x3.9	6.2	73.0
T373	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted/Flat	6.2x3.9	6.2	73.0
T374	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted/Flat	6.2x3.9	6.2	73.0
T375	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted/Flat	6.2x3.9	6.2	73.0

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)
351 to 375	K T J E N R S B	T X C	01 02 - - - - 24	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted)

Table 1