

# T-201

## THERMOCOUPLE CABLE

PTFE - PTFE INSULATED - 260°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
Outer Jacket	: PTFE Sheathed
Operating Temp.	: 260°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584
Color Code	: According to ANSI MC 96.1

### FEATURES

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

### AVAILABLE OPTIONS

- ✓ Fiber braiding
- ✓ Armoured
- ✓ Twisted / Shielded Pair
- ✓ Special Colour Code.
- ✓ NABL Calibration Test Repot
- ✓ Available upto 1.1 KV

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm <sup>2</sup> )	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx) Kg/Km
T201	Solid	32 AWG	1	0.20	0.03	0.20	Flat	1.7 x 1.1	-	4.2
T202	Solid	29 AWG	1	0.30	0.07	0.30	Flat	1.9 x 1.2	-	5.8
T203	Solid	24 AWG	1	0.51	0.20	0.51	Twisted/Flat	2.5 x 1.5	2.5	11.5
T204	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted/Flat	2.7 x 1.7	2.7	11.8
T205	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted/Flat	3.1 x 1.9	3.1	16.2
T206	Solid	22 SWG	1	0.71	0.40	0.71	Twisted/Flat	3.1 x 1.9	3.1	16.8
T207	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted/Flat	3.2 x 2.0	3.2	17.2
T208	Solid	20 AWG	1	0.81	0.50	0.81	Twisted/Flat	3.2 x 2.0	3.2	19.0
T209	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted/Flat	3.6 x 2.2	3.6	19.0
T210	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted/Flat	3.6 x 2.2	3.6	19.0
T211	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted/Flat	3.7 x 2.3	3.70	20.5
T212	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted/Flat	4.0 x 2.3	4	26.5
T213	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted/Flat	4.0 x 2.3	4	26.5
T214	Solid	18 AWG	1	1.02	0.81	1.02	Twisted/Flat	3.9 x 2.2	3.9	27.5
T215	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted/Flat	4.1 x 2.4	4.1	29.0
T216	Solid	17 AWG	1	1.13	1.00	1.13	Twisted/Flat	4.0 x 2.3	4	33.0
T217	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted/Flat	4.5 x 2.6	4.5	33.0
T218	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted/Flat	4.5 x 2.6	4.5	33.0
T219	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted/Flat	4.5 x 2.6	4.5	33.0
T220	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted/Flat	5.0 x 2.9	5	36.0
T221	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted/Flat	4.6 x 2.7	4.6	38.0
T222	Solid	16 AWG	1	1.29	1.30	1.29	Twisted/Flat	4.5 x 2.6	4.5	40.0
T223	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted/Flat	5.0 x 2.9	5	43.0
T224	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted/Flat	5.1 x 3.0	5.1	43.0
T225	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted/Flat	5.1 x 3.0	5.1	43.0
T226	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted/Flat	5.1 x 3.0	5.1	43.0
T227	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted/Flat	5.1 x 3.0	5.1	43.0

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)
201 to 227	K T J E N R S C B	T X C	01 02 - - - - 48	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted) F-(Flat)

Table 1