

# T-601

## THERMOCOUPLE CABLE

PTFE - SILICON INSULATED - 200°C



JSS 51034, IEC 60584.3, JSS 51038, IS 6380

Voltage Grade : 600V

### SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple / Extension / Compensating Grade Materials as per ASTM E230 / 77 & IEC5843
Insulation	: PTFE Insulation
Construction	: Twisted
Outer Jacket	: Silicon Rubber Sheathed
Operating Temp.	: 200°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584
Color Code	: According to ANSI MC 96.1

### FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Superior Heat Resistance, Cold Resistance
- ✓ Excellent Strength
- ✓ Excellent Flexibility
- ✓ Excellent Humidity Resistivity
- ✓ Excellent Dielectrical Properties
- ✓ Good Abrasion Resistance
- ✓ Halogen Free & Low Smoke

### AVAILABLE OPTIONS

- ✓ Fiber Glass Braiding
- ✓ Twisted / Shielded Pair
- ✓ Special Colour Code
- ✓ NABL Calibration Test Report
- ✓ Available upto 1.1 KV

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering Code	Wire Type	AWG / SWG No	No of Strands	Strain Dia (mm)	Cross Section Area (mm <sup>2</sup> )	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Twisted)	Nominal Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
T601	Solid	24 AWG	1	0.51	0.20	0.51	Twisted	3.6	-	20.0
T602	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted	3.6	-	22.0
T603	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted	4.3	-	29.0
T604	Solid	22 SWG	1	0.71	0.40	0.71	Twisted	4.3	-	32.0
T605	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	4.6	-	34.0
T606	Solid	20 AWG	1	0.81	0.50	0.81	Twisted	4.6	-	36.0
T607	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	4.8	-	36.0
T608	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	4.8	-	36.0
T609	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted	5.0	-	38.0
T610	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	5.2	-	42.0
T611	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	5.2	-	42.0
T612	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	5.1	-	44.0
T613	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted	5.2	-	47.0
T614	Solid	17 AWG	1	1.13	1.00	1.13	Twisted	5.2	-	53.0
T615	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	5.8	-	53.0
T616	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	5.8	-	53.0
T617	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	5.8	-	53.0
T618	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	6.5	-	63.0
T619	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	6.0	-	65.0
T620	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	5.8	-	67.0
T621	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted	6.6	-	67.0
T622	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	6.6	-	72.0
T623	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	6.5	-	72.0
T624	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	6.5	-	72.0
T625	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	6.5	-	72.0

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)
601 to 625	K T J E N R S C B	T X C	01 02 - - - - 48	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted)

Table 1