

# T-601

## THERMOCOUPLE CABLE PTFE - SILICON INSULATED - 200°C



JSS 51034, ANSI MC 96.1, IS 9968

Voltage Grade : 300/500V

### SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple 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

### AVAILABLE OPTIONS

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

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX) (gm/meter)
T601	1	0.510	0.2	0.51	Twisted	3.4	17.6
T602	1	0.711	0.4	0.711	Twisted	4.1	25.6
T603	7	0.274	0.42	0.81	Twisted	4.25	26.1
T604	13	0.200	0.4	0.81	Twisted	4.25	25.6
T605	3	0.711	1.2	1.39	Twisted	6.1	56.6
T606	7	0.300	0.5	0.89	Twisted	4.45	32
T607	24	0.200	0.75	1.1	Twisted	5.4	41.5
T608	14	0.300	1	1.26	Twisted	5.75	53.4
T609	21	0.300	1.5	1.55	Twisted	6.3	70
T610	1	1.020	1.81	1.02	Twisted	5.2	43.2
T611	1	1.290	1.3	1.29	Twisted	5.8	60.2
T612	19	0.300	1.3	1.52	Twisted	6.2	60.2
T613	7	0.152	0.12	0.46	Twisted	3.5	13
T614	7	0.160	0.14	0.48	Twisted	3.6	14.4
T615	7	0.200	0.22	0.59	Twisted	3.8	17.6
T616	14	0.200	0.45	0.84	Twisted	4.6	27.2
T617	1	0.810	0.5	0.81	Twisted	4.25	32
T618	40	0.200	1.25	1.42	Twisted	6	58

### 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 618	K T J E N R S D B	T X C	01 02 - - - 24	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted)

Table 1