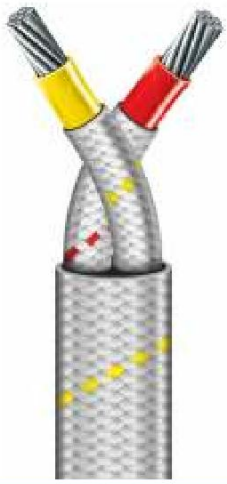
A

T-701

THERMOCOUPLE CABLE

PTFE - FIBER GLASS - FIBER GLASS INSULATED - 400°C



JSS 51034, ANSI MC 96.1

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	:	Solid, Multistrand, Thermocouple 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
- ✓ Excellent Flame Retardant
- ✓ Excellent Strength
- ✓ Fair Abrasion Resistance
- ✓ Good Dielectric Strength

AVAILABLE OPTIONS

- ✓ Metal Braiding over Jacket
- ✓ 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 $(mm)^2$	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX) (gm/meter)
T701	1	0.510	0.2	0.51	T / F	3.6	16.8
T702	1	0.711	0.4	0.711	T / F	4	26
T703	7	0.274	0.42	0.81	T / F	4.2	26.8
T704	13	0.200	0.4	0.81	T / F	4.2	26
T705	3	0.711	1.2	1.39	T / F	5.5	55.6
T706	7	0.300	0.5	0.89	T / F	4.3	28
T707	24	0.200	0.75	1.1	T / F	5	39
T708	14	0.300	1	1.26	T / F	5.3	50
T709	21	0.300	1.5	1.55	T / F	6.2	67
T710	1	1.020	0.81	1.02	T / F	5	39.5
T711	1	1.290	1.3	1.29	T / F	5.4	58.6
T712	19	0.300	1.3	1.52	T / F	6.1	58.6
T713	7	0.152	0.12	0.46	T / F	2.6	9.4
T714	7	0.160	0.14	0.48	T / F	2.7	10.2
T715	7	0.200	0.22	0.59	T / F	3.4	16.8
T716	14	0.200	0.45	0.84	T / F	4.3	27.5
T717	1	0.810	0.5	0.81	T / F	4.2	28
T718	40	0.200	1.25	1.42	T / F	5.9	57.6

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

Table 1