

T-401

THERMOCOUPLE CABLE

PTFE - PTFE - STEEL BRAIDING
INSULATED - 260°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 Insulation
Construction	: Twisted / Flat
Outer Jacket	: PTFE Sheathed
Braiding	: Stainless Steel Wire Braiding
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
- ✓ Excellent Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test
- ✓ Good Abrasion Resistance

AVAILABLE OPTIONS

- ✓ 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)
T401	1	0.51	0.2	0.51	T / F	3.1	15
T402	7	0.2	0.22	0.59	T / F	3.4	17
T403	1	0.711	0.41	0.711	T / F	3.7	27
T404	1	0.81	0.5	0.81	T / F	3.9	30
T405	7	0.3	0.5	0.89	T / F	4.1	30
T406	24	0.2	0.75	1.1	T / F	4.9	40
T407	7	0.4	0.89	1.21	T / F	5.1	50
T408	14	0.300	1	1.26	T / F	5.1	60
T409	32	0.2	1	1.27	T / F	5.2	60
T410	1	1.290	1.3	1.29	T / F	5.2	75
T411	21	0.3	1.5	1.55	T / F	5.8	80
T412	7	0.152	0.12	0.46	T / F	2.42	10.7
T413	7	0.160	0.14	0.48	T / F	2.52	14.2
T414	7	0.274	0.42	0.81	T / F	3.8	20
T415	14	0.200	0.45	0.84	T / F	3.88	28.2
T416	3	0.711	1.2	1.39	T / F	5.3	58.6
T417	40	0.200	1.25	1.42	T / F	5.4	65
T418	19	0.300	1.3	1.52	T / F	5.58	75

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(TXXX)	(X)	(X)	(XX)	(X)	(X)
401 to 418	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