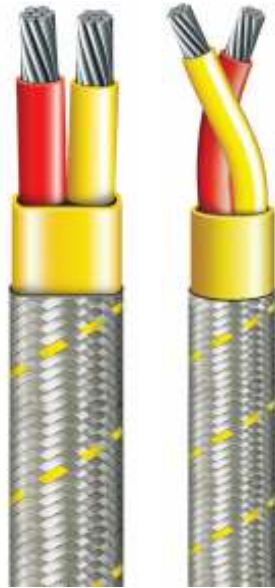


P-501

THERMOCOUPLE CABLE

PVC - PVC - SS BRAIDING INSULATED - 85°C



IS 694, ANSI MC 96.1

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1
Insulation	: PVC / FR PVC / FRLS PVC / HR PVC Insulation
Construction	: Twisted / Flat
Outer Sheath	: PVC / FR PVC / FRLS PVC / HR PVC Sheathed
Overall Braiding	: Stainless Steel Wire
Operating Temp. :	85°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Excellent Physical Properties
- ✓ Excellent Di-Electric Constant
- ✓ Excellent Flame Retardant Property
- ✓ Good Heat Resistivity
- ✓ High Thermal Endurance
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Metal & Taped Shielding
- ✓ G.I. Armouring
- ✓ Available with Zero Halogen Property
- ✓ Available with Fire Retardant Property
- ✓ Tighter Than Special Limit Accuracy Tolerance
- ✓ 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)
P501	7	0.160	0.14	0.48	T/F	4.3	32.52
P502	1	0.510	0.2	0.51	T/F	4.4	37.6
P503	7	0.200	0.22	0.59	T/F	5.3	40.8
P504	7	0.274	0.42	0.81	T/F	6.2	50.56
P505	14	0.200	0.45	0.84	T/F	6.3	54.6
P506	1	0.810	0.5	0.81	T/F	6.2	60
P507	7	0.300	0.5	0.89	T/F	6.4	60
P508	24	0.200	0.75	1.1	T/F	7.5	69.6
P509	14	0.300	1	1.26	T/F	8	82
P510	3	0.711	1.2	1.39	T/F	7.9	87.5
P511	40	0.200	1.25	1.42	T/F	8.2	91
P512	1	1.290	1.3	1.29	T/F	8.1	97.5
P513	19	0.300	1.3	1.52	T/F	8.5	97.5
P514	21	0.300	1.5	1.55	T/F	8.6	106
P515	35	0.300	2.5	2	T/F	10.7	145

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(PXXX)	(X)	(X)	(XX)	(X)	(X)
501 to 515	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