

PF-101

THERMOCOUPLE CABLE

PFA - PFA INSULATED - 260°C



JSS 51034, ANSI MC 96.1

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1
Insulation	: Extruded PFA Insulation
Construction	: Twisted / Flat
Outer Jacket	: Extruded PFA Insulated
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
- ✓ High Temperature Range
- ✓ Excellent Fire Retardant Properties
- ✓ Good Mechanical Strength
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Metal Coverings
- ✓ Metal & Taped Shielding
- ✓ 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)
PF101	7	0.152	0.12	0.46	T / F	2.02	6.58
PF102	7	0.160	0.14	0.48	T / F	2.3	8.02
PF103	1	0.510	0.2	0.51	T / F	2.55	11.2
PF104	7	0.200	0.22	0.59	T / F	2.75	11.2
PF105	7	0.274	0.42	0.81	T / F	3.22	16.78
PF106	14	0.200	0.45	0.84	T / F	3.26	16.6
PF107	1	0.810	0.5	0.81	T / F	3.3	22
PF108	7	0.300	0.5	0.89	T / F	3.38	22
PF109	24	0.200	0.75	1.1	T / F	3.8	28
PF110	14	0.300	1	1.26	T / F	4.42	36
PF111	3	0.711	1.2	1.39	T / F	4.68	40.4
PF112	40	0.200	1.25	1.42	T / F	4.74	44.6
PF113	1	1.290	1.3	1.29	T / F	4.45	47.4
PF114	19	0.300	1.3	1.52	T / F	4.95	47.4
PF115	21	0.300	1.5	1.55	T / F	5	53
PF116	35	0.300	2.5	2	T / F	6.2	75

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(PFXXX)	(X)	(X)	(XX)	(X)	(X)
101 to 116	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