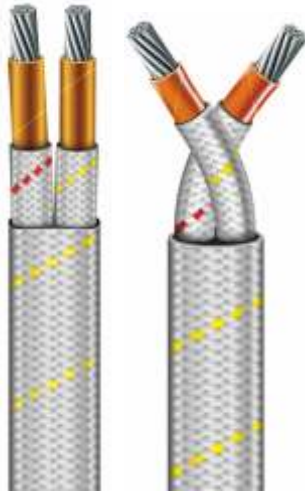


# F-201

## THERMOCOUPLE CABLE POLYIMIDE - FIBER GLASS - FIBER GLASS INSULATED - 550°C



JSS 51037, IS 8784, ANSI MC 96.1

Voltage Grade : 300/500V

### SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1
Insulation	: Polyimide-Fiber glass Insulated, High Temp. Saturated
Construction	: Twisted / Flat
Outer jacket	: Fiber Glass with Silicon Varnish
Operating Temp.	: 550°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584
Color Code	: According to ANSI MC 96.1

### FEATURES

- ✓ Max. Temp. Up to 550°C
- ✓ Excellent Electrical & Mechanical Properties
- ✓ Outstanding Insulating Properties
- ✓ Good Thermal Stability
- ✓ High Tensile Strength

### AVAILABLE OPTIONS

- ✓ Metal Over Braid
- ✓ Twisted / Shielded Pair
- ✓ Special Colour Code
- ✓ Calibration Test Report

### 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)
F201	1	0.51	0.2	0.51	T / F	3.2	12
F202	7	0.2	0.22	0.59	T / F	3.4	13
F203	7	0.3	0.5	0.89	T / F	4	22
F204	1	0.81	0.5	0.81	T / F	3.8	22
F205	24	0.2	0.75	1.1	T / F	4.6	30
F206	1	1.020	0.81	1.02	T / F	4.4	30
F207	14	0.3	1	1.26	T / F	5	37
F208	40	0.2	1.25	1.42	T / F	5.6	45
F209	21	0.3	1.5	1.55	T / F	6	58
F210	7	0.152	0.12	0.46	T / F	2.25	7.8
F211	7	0.16	0.14	0.48	T / F	2.3	9.1
F212	7	0.274	0.42	0.81	T / F	3.45	19.56
F213	14	0.2	0.45	0.84	T / F	3.5	21
F214	3	0.711	1.2	1.39	T / F	4.88	44.8
F215	1	1.29	1.3	1.29	T / F	4.68	49.4
F216	19	0.3	1.3	1.52	T / F	5.2	49.4
F217	35	0.3	2.5	2	T / F	6.1	79

### ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(FXXX)	(X)	(X)	(XX)	(X)	(X)
201 to 217	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