

K-201

THERMOCOUPLE CABLE

**POLYIMIDE - PTFE - POLYIMIDE
INSULATED - 316°C**



JSS 51034, JSS 51037, 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 Tape Insulation
Construction	: Twisted / Flat
Inner Jacket	: PTFE Insulation
Outer Jacket	: Polyimide Tape
Operating Temp.	: 316°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584.
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 316°C
- ✓ High Temperature with Standing
- ✓ Good Mechanical Strength
- ✓ Good Moisture, Chemical Abrasion Resistance
- ✓ Abrasion Resistance
- ✓ Excellent Durability
- ✓ Heat Resistant
- ✓ Fire Resistant

AVAILABLE OPTIONS

- ✓ Metal Covering
- ✓ Taped or Metal Shielding.
- ✓ Tighter Than Special Limit Accuracy Tolerance
- ✓ Special Colour Code
- ✓ Calibration Test Report

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)
K201	7	0.152	0.12	0.46	T/F	2.60	6
K202	7	0.160	0.14	0.48	T/F	2.75	7.5
K203	1	0.510	0.2	0.51	T/F	2.90	8.6
K204	7	0.200	0.22	0.59	T/F	3.00	9.8
K205	7	0.274	0.42	0.81	T/F	3.50	12.5
K206	14	0.200	0.45	0.84	T/F	3.60	15
K207	1	0.810	0.5	0.81	T/F	3.50	13
K208	7	0.300	0.5	0.89	T/F	3.60	13.5
K209	24	0.200	0.75	1.1	T/F	4.10	20
K210	14	0.300	1	1.26	T/F	4.50	29
K211	3	0.711	1.2	1.39	T/F	4.60	37
K212	40	0.200	1.25	1.42	T/F	4.40	35
K213	1	1.290	1.3	1.29	T/F	4.20	38
K214	19	0.300	1.3	1.52	T/F	4.60	38
K215	21	0.300	1.5	1.55	T/F	4.70	42
K216	35	0.300	2.5	2	T/F	5.80	67

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(KXXX)	(X)	(X)	(XX)	(X)	(X)
201 to 216	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