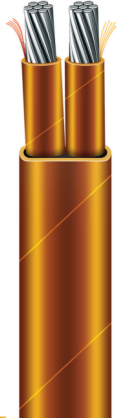


K-201

THERMOCOUPLE CABLE

POLYIMIDE -POLYIMIDE - 310°C



JSS 51034, JSS 51037, ANSI MC 96.1

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1
Insulation	: Polyimide Tape Insulation
Construction	: Twisted / Flat
Inner Jacket	: Polyimide Insulation
Operating Temp.	: 310°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584.
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 310°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 Ordering Code	Wire Type	AWG / SWG No	No of Strands	Strain Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Twisted)	Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
K201	Solid	24 AWG	1	0.51	0.20	0.51	Twisted/Flat	2.10	2.1X1.2	9.0
K202	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted/Flat	2.20	2.2X1.3	9.5
K203	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted/Flat	2.70	2.7X1.6	9.0
K204	Solid	22 SWG	1	0.71	0.40	0.71	Twisted/Flat	2.70	2.7X1.6	14.0
K205	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted/Flat	3.00	3.0X1.9	14.5
K206	Solid	20 AWG	1	0.81	0.50	0.81	Twisted/Flat	3.00	3.0X1.9	16.0
K207	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted/Flat	3.40	3.4X2.0	16.0
K208	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted/Flat	3.40	3.4X2.0	16.0
K209	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted/Flat	3.50	3.5X2.1	18.0
K210	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted/Flat	3.60	3.6X2.1	23.0
K211	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted/Flat	3.60	3.6X2.1	23.0
K212	Solid	18 AWG	1	1.02	0.81	1.02	Twisted/Flat	3.60	3.6X2.1	25.0
K213	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted/Flat	4.00	4.0X2.3	26.0
K214	Solid	17 AWG	1	1.13	1.00	1.13	Twisted/Flat	4.00	4.0X2.3	30.0
K215	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted/Flat	4.20	4.2X2.4	30.0
K216	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted/Flat	4.20	4.2X2.4	30.0
K217	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted/Flat	4.20	4.2X2.4	30.0
K218	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted/Flat	4.90	4.9X2.6	36.0
K219	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted/Flat	4.30	4.3X2.5	38.0
K220	Solid	16 AWG	1	1.29	1.30	1.29	Twisted/Flat	4.20	4.2X2.4	40.0
K221	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted/Flat	4.90	4.9X2.6	40.0
K222	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted/Flat	4.90	4.9X2.6	48.0
K223	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted/Flat	4.90	4.9X2.6	48.0
K224	Multistrand	21X29 AWG	7	0.53	1.50	1.55	Twisted/Flat	4.90	4.9X2.6	48.0
K225	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted/Flat	4.90	4.9X2.6	48.0

Note : Above Parameters are considering single pair cable

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 225	K T J E N R S B	T X C	01 02 - - - - 24	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted) F-(Flat)

Table 1