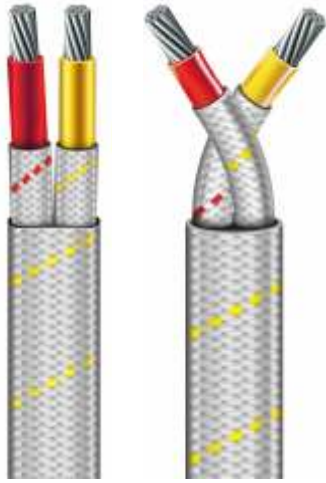


S-201

THERMOCOUPLE CABLE

SILICON - FIBER GLASS - FIBER GLASS INSULATED - 400°C



IS 9968, ANSI MC 96.1

Voltage Grade : 300/500V

SPECIFICATIONS

- Conductor : Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1
- Insulation : Silicon / Fiber Glass Insulation with High Temp Varnish
- Construction : Twisted / Flat
- Outer Jacket : Fiber Glass Insulation with High Temp. Varnish
- Operating Temp. : 400°C
- Limit of Error : According to ASTM E230 / 77 / IEC 584.
- Color Code : According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Resistance to Ozone & Corona Effect
- ✓ Excellent Heat Resistant
- ✓ Higher Flexibility
- ✓ Easier Solder Termination
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Metal Coverings
- ✓ Metal & Taped Shielding
- ✓ Tighter Than Special Limit Accuracy Tolerance
- ✓ Special Color 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)
S201	7	0.152	0.12	0.46	T / F	4.72	24
S202	7	0.16	0.14	0.48	T / F	4.8	25
S203	1	0.51	0.2	0.51	T / F	5.2	26
S204	7	0.2	0.22	0.59	T / F	5.4	26
S205	7	0.274	0.42	0.81	T / F	5.6	33
S206	14	0.2	0.45	0.84	T / F	5.7	36
S207	1	0.81	0.5	0.81	T / F	5.7	33
S208	7	0.300	0.5	0.89	T / F	6	34
S209	24	0.2	0.75	1.1	T / F	6.4	40
S210	14	0.3	1	1.26	T / F	6.8	50
S211	3	0.711	1.2	1.39	T / F	7	57
S212	40	0.2	1.25	1.42	T / F	7.1	60
S213	1	1.29	1.3	1.29	T / F	6.9	62
S214	19	0.3	1.3	1.52	T / F	7.25	62
S215	21	0.3	1.5	1.55	T / F	7.35	67
S216	35	0.3	2.5	2	T / F	9	97

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(SXXX)	(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