S-601

THERMOCOUPLE CABLE

SILICON - COPPER SCREEN - SILICON INSULATION - 200°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 Insulation
Construction	:	Twisted
Screening	:	Copper Screening
Outer Jacket	:	Silicon Insulation
Operating Temp.	:	200°C
Limit of Error	:	According to ASTM E230 / 77 / IEC 584
Color Code	:	According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Resistance to Ozone & Corona Effect
- ✓ Excellent Heat Resistant
- ✓ Higher Flexibility
- ✓ Easier Solder Termination
- ✓ Good Moisture, Chemical Abrasion Resistance

AVAILABLE OPTIONS

- ✓ Almylar Tape Screening.
- ✓ Screen with NPC, TPC, SPC
- ✓ 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)
S601	7	0.152	0.12	0.46	Twisted	5	26
S602	7	0.16	0.14	0.48	Twisted	5.2	27
S603	1	0.51	0.2	0.51	Twisted	5.5	30
S604	7	0.2	0.22	0.59	Twisted	5.6	31
S605	7	0.274	0.42	0.81	Twisted	6	40
S606	14	0.2	0.45	0.84	Twisted	6.2	42
S607	1	0.81	0.5	0.81	Twisted	6	48
S608	7	0.300	0.5	0.89	Twisted	6.4	49
S609	24	0.2	0.75	1.1	Twisted	7.3	65
S610	14	0.3	1	1.26	Twisted	7.7	70
S611	3	0.711	1.2	1.39	Twisted	8.5	75
S612	40	0.2	1.25	1.42	Twisted	8.2	83
S613	1	1.29	1.3	1.29	Twisted	8.3	90
S614	19	0.3	1.3	1.52	Twisted	8.5	90
S615	21	0.3	1.5	1.55	Twisted	8.6	95

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(SXXX)	(X)	(X)	(XX)	(X)	(X)
601 to 615	K T J E N R S D B	T X C	01 02 - - - - - 24	A-(ANSI) I-(IEC) J-(JIS)	T-(Twisted)

Table 1