

C-101

THERMOCOUPLE WIRE CERAMIC FIBER - CERAMIC FIBER INSULATED - 800°C



SPECIFICATIONS

Conductor	: Solid, Multistrand, Thermocouple Grade Materials as per ASTM E230 & ANSI MC 96.1
Insulation	: Ceramic Fiber Insulation
Construction	: Flat
Outer Jacket	: Ceramic Fiber Insulation
Operating Temp.:	800°C
Limit of Error	: According to ASTM E230 / 77 / IEC 584.
Color Code	: According to ANSI MC 96.1

FEATURES

- ✓ Max. Temp. Up to 800°C
- ✓ High Temperature Range
- ✓ Higher Accuracy Same as Thermocouple
- ✓ Can Be Use as Thermocouple.

AVAILABLE OPTIONS

- ✓ Metal Coverings
- ✓ Tighter Than Special Limit Accuracy Tolerance
- ✓ Special Colour Code
- ✓ Calibration Test Report

ASTM E230/77, ANSI MC 96.1

Voltage Grade : 300/500V

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)
C101	7	0.152	0.12	0.46	Flat	2.9 X 1.7	9
C102	7	0.160	0.14	0.48	Flat	3 X 1.8	10
C103	1	0.510	0.2	0.51	Flat	3.1 X 1.9	12
C104	7	0.200	0.22	0.59	Flat	3.3 X 2	13
C105	7	0.274	0.42	0.81	Flat	3.7 X 2.2	16.5
C106	14	0.200	0.45	0.84	Flat	3.8 X 2.2	18
C107	1	0.810	0.5	0.81	Flat	3.7 X 2.2	20
C108	7	0.300	0.5	0.89	Flat	3.9 X 2.3	21
C109	24	0.200	0.75	1.1	Flat	4.3 X 2.5	28
C110	14	0.300	1	1.26	Flat	4.6 X 2.7	33
C111	3	0.711	1.2	1.39	Flat	5 X 2.9	40
C112	40	0.200	1.25	1.42	Flat	5 X 2.9	40.5
C113	1	1.290	1.3	1.29	Flat	4.8 X 2.8	43
C114	19	0.300	1.3	1.52	Flat	5.1 X 3	44
C115	21	0.300	1.5	1.55	Flat	5.4 X 3	47
C116	35	0.300	2.5	2	Flat	6.2 X 3.5	74

ORDERING CODE

Conductor Size	Type of T/C	Grade of Conductor	No. of Pairs	Color Code	Cable Formation
(CXXX)	(X)	(X)	(XX)	(X)	(X)
101 to 116	K T J E N R S D B	T	01	A-(ANSI) I-(IEC) J-(JIS)	F-(Flat)

Table 1