

HS-101

HEAT RESISTANCE CABLE SILICON - SILICON INSULATED 200°C



IS 9968, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
Core Insulation	: Silicon Insulation
Construction	: Twisted
Outer Sheath	: Silicon Insulation
Operating Temp. :	200°C

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Dielectric Property
- ✓ Outstanding Insulating Properties
- ✓ Excellent Flexibility

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Metal Covering

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)
HS101	7	0.200	0.22	0.59	Twisted	5.5	46
HS102	7	0.254	0.35	0.76	Twisted	5.8	50
HS103	1	0.810	0.5	0.81	Twisted	5.9	52
HS104	7	0.300	0.5	0.89	Twisted	6	53
HS105	24	0.200	0.75	1.1	Twisted	7	72
HS106	14	0.300	1	1.26	Twisted	7.7	92
HS107	3	0.711	1.2	1.39	Twisted	8	100
HS108	40	0.200	1.25	1.42	Twisted	8.1	105
HS109	1	1.290	1.3	1.29	Twisted	8.3	107
HS110	19	0.300	1.3	1.52	Twisted	8.7	109
HS111	21	0.300	1.5	1.55	Twisted	8.8	117
HS112	35	0.300	2.5	2	Twisted	10.5	165
HS113	56	0.300	4	2.56	Twisted	11.8	185
HS114	84	0.300	6	3.11	Twisted	13	333
HS115	140	0.300	10	4.1	Twisted	15.3	425
HS116	128	0.400	16	5.11	Twisted	17.7	700
HS117	198	0.400	25	6.4	Twisted	23	1015
HS118	278	0.400	35	7.6	Twisted	27	1600

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HSXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 118	BC0 NPC TPC SPC PN0	01 02 - - 50	RB0 RYB CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RB0 (Red - Black), RYB (Red - Yellow - Blue), CS0 (Customer specification)