

HF-101

HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS - SS BRAIDING 400 °C



JSS 51037, IS 8130

Voltage Grade : 600/1100V

SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper & Tinned Plated Copper
 Core Insulation : Polyimide Tape / Double Fiber Glass Insulation with High Temp Varnish
 Construction : Twisted
 Outer Sheath : Fiber Glass Insulation with High Temp. Varnish
 Overall Braiding : Stainless Steel Wire
 Operating Temp. : 400°C

FEATURES

- ✓ Max. Temp. Up to 400°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ Excellent Flame Retardant
- ✓ Good Thermal Stability
- ✓ Good Chemical Resistivity

AVAILABLE OPTIONS

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

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)
HF101	7	0.200	0.22	0.59	Twisted	5.1	48
HF102	7	0.254	0.35	0.76	Twisted	5.4	54
HF103	1	0.810	0.5	0.81	Twisted	5.5	66
HF104	7	0.300	0.5	0.89	Twisted	5.7	67
HF105	24	0.200	0.75	1.1	Twisted	6.2	76
HF106	14	0.300	1	1.26	Twisted	6.5	88
HF107	3	0.711	1.2	1.39	Twisted	7	95
HF108	40	0.200	1.25	1.42	Twisted	7	104
HF109	1	1.290	1.3	1.29	Twisted	6.6	106
HF110	19	0.300	1.3	1.52	Twisted	7.1	108
HF111	21	0.300	1.5	1.55	Twisted	7.34	117
HF112	35	0.300	2.5	2	Twisted	8.51	152
HF113	56	0.300	4	2.56	Twisted	9.7	166
HF114	84	0.300	6	3.11	Twisted	11	251
HF115	140	0.300	10	4.1	Twisted	13.5	390
HF116	128	0.400	16	5.11	Twisted	16.4	554
HF117	198	0.400	25	6.4	Twisted	18.8	835
HF118	278	0.400	35	7.6	Twisted	21.5	1200

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(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)