

HF-301

HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS - ASBESTOS 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 : Asbestos Braiding
 Operating Temp. : 400°C

FEATURES

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

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)
HF301	7	0.200	0.22	0.59	Twisted	5.3	46
HF302	7	0.254	0.35	0.76	Twisted	5.6	52
HF303	1	0.810	0.5	0.81	Twisted	5.7	64
HF304	7	0.300	0.5	0.89	Twisted	5.9	65
HF305	24	0.200	0.75	1.1	Twisted	6.4	71
HF306	14	0.300	1	1.26	Twisted	6.7	82
HF307	3	0.711	1.2	1.39	Twisted	7.2	90
HF308	40	0.200	1.25	1.42	Twisted	7.3	99
HF309	1	1.290	1.3	1.29	Twisted	6.9	101
HF310	19	0.300	1.3	1.52	Twisted	7.4	102
HF311	21	0.300	1.5	1.55	Twisted	7.6	108
HF312	35	0.300	2.5	2	Twisted	8.9	145
HF313	56	0.300	4	2.56	Twisted	10.1	156
HF314	84	0.300	6	3.11	Twisted	11.4	238
HF315	140	0.300	10	4.1	Twisted	13.9	370
HF316	128	0.400	16	5.11	Twisted	16	525
HF317	198	0.400	25	6.4	Twisted	18.4	790
HF318	278	0.400	35	7.6	Twisted	21	1050

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 318	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)