

# HF-401

## HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - ALMYLAR - FIBER GLASS 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
- Screening : Almylar Screen With ATC Drain Wire
- Outer Sheath : Fiber Glass Insulation with High Temp. Varnish
- 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
- ✓ Metal Shielding
- ✓ Metal Covering
- ✓ Asbestos Braiding

### CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) <sup>2</sup>	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
HF401	7	0.200	0.22	0.59	Twisted	4.9	46
HF402	7	0.254	0.35	0.76	Twisted	5.2	50
HF403	1	0.810	0.5	0.81	Twisted	5.3	52
HF404	7	0.300	0.5	0.89	Twisted	5.5	60
HF405	24	0.200	0.75	1.1	Twisted	6	69
HF406	14	0.300	1	1.26	Twisted	6.3	82
HF407	3	0.711	1.2	1.39	Twisted	6.8	88
HF408	40	0.200	1.25	1.42	Twisted	6.8	88
HF409	1	1.290	1.3	1.29	Twisted	6.4	95
HF410	19	0.300	1.3	1.52	Twisted	7	96
HF411	21	0.300	1.5	1.55	Twisted	7.2	104
HF412	35	0.300	2.5	2	Twisted	8.2	135
HF413	56	0.300	4	2.56	Twisted	9.4	146
HF414	84	0.300	6	3.11	Twisted	10.6	220
HF415	140	0.300	10	4.1	Twisted	12.7	356
HF416	128	0.400	16	5.11	Twisted	16	505
HF417	198	0.400	25	6.4	Twisted	18.2	768
HF418	278	0.400	35	7.6	Twisted	20.4	1111

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HFXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 418	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)