

HR-101

HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS - SS BRAIDING 450 °C



JSS 51037, IS 8130

Voltage Grade : 1100V

SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Pure Nickel
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.	: 450°C

FEATURES

- ✓ Max. Temp. Up to 450°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ 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 Oding Code	Wire Type	No of Strands	Strand Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
Hr101	Multistrand	7	0.3	0.5	0.9	Twisted	-	4.8	50
HR102	Solid	1	0.81	0.5	0.81	Twisted	-	4.8	50
HR103	Multistrand	7	0.37	0.75	1.1	Twisted	-	5.4	66
HR104	Solid	1	1	0.81	1	Twisted	-	5.2	72
HR105	Multistrand	7	0.43	1	1.3	Twisted	-	5.7	84
HR106	Multistrand	14	0.30	1.00	1.30	Twisted	-	5.7	84.0
HR107	Multistrand	3	0.71	1.20	1.42	Twisted	-	6.2	95.0
HR108	Multistrand	40	0.20	1.25	1.42	Twisted	-	6.2	100.0
HR109	Solid	1	1.30	1.30	1.30	Twisted	-	6.4	105.0
HR110	Multistrand	19	0.3	1.3	1.5	Twisted	-	6.7	105
HR111	Multistrand	48	0.20	1.50	1.55	Twisted	-	6.7	120.0
HR112	Multistrand	7	0.53	1.50	1.55	Twisted	-	6.7	120.0
HR113	Multistrand	21	0.30	1.50	1.55	Twisted	-	6.7	120.0
HR114	Multistrand	35	0.30	2.50	2.00	Twisted	-	7.5	168.0
HR115	Multistrand	56	0.30	4.00	2.60	Twisted	-	8.8	230.0
HR116	Multistrand	84	0.30	6.00	3.10	Twisted	-	10.5	305.0

Note : Above parameters are considering 3 core cable

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(HRXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 116	BC0 NPC PN0	01 02 - - 04	RB0 RYB CS0	T-(Twisted)

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