

HR-201

HEAT RESISTANCE CABLE

POLYIMIDE - FIBER GLASS - FIBER GLASS - ASBESTOS 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 : Asbestos Braiding
 Operating Temp. : 450°C

FEATURES

- ✓ Max. Temp. Up to 450°C
- ✓ Excellent Heat Resistant
- ✓ Excellent Abrasion Resistance
- ✓ 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 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
HR201	Multistrand	7	0.3	0.5	0.9	Twisted	-	5.3	45
HR202	Solid	1	0.81	0.5	0.81	Twisted	-	5.3	45
HR203	Multistrand	7	0.37	0.75	1.1	Twisted	-	5.9	61
HR204	Solid	1	1	0.81	1	Twisted	-	5.9	66
HR205	Multistrand	7	0.43	1	1.3	Twisted	-	6.2	79
HR206	Multistrand	14	0.30	1.00	1.30	Twisted	-	6.2	79.0
HR207	Multistrand	3	0.71	1.20	1.42	Twisted	-	6.8	90.0
HR208	Multistrand	40	0.20	1.25	1.42	Twisted	-	6.8	95.0
HR209	Solid	1	1.30	1.30	1.30	Twisted	-	7.2	99.0
HR210	Multistrand	19	0.3	1.3	1.5	Twisted	-	7.5	99
HR211	Multistrand	48	0.20	1.50	1.55	Twisted	-	7.5	112.0
HR212	Multistrand	7	0.53	1.50	1.55	Twisted	-	7.5	112.0
HR213	Multistrand	21	0.30	1.50	1.55	Twisted	-	7.5	112.0
HR214	Multistrand	35	0.30	2.50	2.00	Twisted	-	8.2	160.0
HR215	Multistrand	56	0.30	4.00	2.60	Twisted	-	9.5	220.0
HR216	Multistrand	84	0.30	6.00	3.10	Twisted	-	11.3	292.0

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)
201 to 216	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)