

HR-301

HEAT RESISTANCE CABLE

**POLYIMIDE-PTFE-POLYIMIDE
ISOLATOR-INNER PTFE-MICA -FIBER
GLASS-SS BRAIDING - 400°C**



JSS 51037, JSS 51038, IS 8130

Voltage Grade : 1100V

SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Nickel Plated Copper, Pure Nickel
 Core Insulation : Polyimide Tape + PTFE Insulation
 Construction : Twisted
 Isolator : Polyimide Tape
 Inner Sheath : PTFE & Heat Barrier Mica Glass Tape
 Outer Sheath : Fiber Glass Braiding
 Overall Braiding : Stainless Steel Wire Braiding
 Operating Temp. : 400°C

FEATURES

- ✓ Max. Temp. Up to 450°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 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
HR301	Multistrand	7	0.3	0.5	0.9	Twisted	-	6.7	68
HR302	Solid	1	0.81	0.5	0.81	Twisted	-	6.7	68
HR303	Multistrand	7	0.37	0.75	1.1	Twisted	-	7	84
HR304	Solid	1	1	0.81	1	Twisted	-	6.9	94
HR305	Multistrand	7	0.43	1	1.3	Twisted	-	7.5	104
HR306	Multistrand	14	0.30	1.00	1.30	Twisted	-	7.5	104.0
HR307	Multistrand	3	0.71	1.20	1.42	Twisted	-	7.8	116.0
HR308	Multistrand	40	0.20	1.25	1.42	Twisted	-	7.5	120.0
HR309	Solid	1	1.30	1.30	1.30	Twisted	-	8	125.0
HR310	Multistrand	19	0.3	1.3	1.5	Twisted	-	8.2	125
HR311	Multistrand	48	0.20	1.50	1.55	Twisted	-	8.2	138.0
HR312	Multistrand	7	0.53	1.50	1.55	Twisted	-	8.2	138.0
HR313	Multistrand	21	0.30	1.50	1.55	Twisted	-	8.2	138.0
HR314	Multistrand	35	0.30	2.50	2.00	Twisted	-	9	188.0
HR315	Multistrand	56	0.30	4.00	2.60	Twisted	-	10.5	258.0
HR316	Multistrand	84	0.30	6.00	3.10	Twisted	-	11.8	347.0
HR317	Multistrand	140	0.30	10.00	4.20	Twisted	-	15.5	532.0
HR318	Multistrand	128	0.40	16.00	5.20	Twisted	-	18.5	805.0
HR319	Solid	198	0.40	25.00	6.20	Twisted	-	22.5	1171.0
HR320	Multistrand	278	0.40	35.00	7.60	Twisted	-	26.5	1590.0

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)
301 to 320	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)