

# HR-701

## HEAT RESISTANCE CABLE PTFE--INNER PTFE-FIBER GLASS -SS BRAIDING 350°C



JSS 51037, JSS 51038, IS 8130

Voltage Grade : 1100V

### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Pure Nickel
Core Insulation	: PTFE Insulated
Construction	: Twisted
Inner Sheath	: PTFE Sheath
Inner Sheath	: Fiber Glass Braiding
Outer Sheath	: Stainless Steel Wire Braiding
Operating Temp.	: 350°C

### FEATURES

- ✓ Max. Temp. Up to 350°C
- ✓ Excellent Heat Resistant
- ✓ High Temperature Resist
- ✓ Outstanding Insulating Properties.
- ✓ Passes JSS 51034 Flame Test

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ Metal Covering
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	No of Strands	Strain Dia (mm)	Cross Section Area (mm <sup>2</sup> )	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
HR701	Multistrand	7	0.3	0.5	0.9	Twisted	-	5	62
HR702	Solid	1	0.81	0.5	0.81	Twisted	-	5	62
HR703	Multistrand	7	0.37	0.75	1.1	Twisted	-	5.5	71
HR704	Solid	1	1	0.81	1	Twisted	-	5.5	74
HR705	Multistrand	7	0.43	1	1.3	Twisted	-	6.3	81
HR706	Multistrand	14	0.30	1.00	1.30	Twisted	-	6.3	81.0
HR707	Multistrand	3	0.71	1.20	1.42	Twisted	-	6.6	88.0
HR708	Multistrand	40	0.20	1.25	1.42	Twisted	-	6.6	91.0
HR709	Solid	1	1.30	1.30	1.30	Twisted	-	6.3	96.0
HR710	Multistrand	19	0.3	1.3	1.5	Twisted	-	6.9	96
HR711	Multistrand	48	0.20	1.50	1.55	Twisted	-	7	107.0
HR712	Multistrand	7	0.53	1.50	1.55	Twisted	-	7	107.0
HR713	Multistrand	21	0.30	1.50	1.55	Twisted	-	7	107.0
HR714	Multistrand	35	0.30	2.50	2.00	Twisted	-	8.1	143.0
HR715	Multistrand	56	0.30	4.00	2.60	Twisted	-	9.8	215.0
HR716	Multistrand	84	0.30	6.00	3.10	Twisted	-	11.4	298.0
HR717	Multistrand	140	0.30	10.00	4.20	Twisted	-	16.5	498.0
HR718	Multistrand	128	0.40	16.00	5.20	Twisted	-	19.2	768.0
HR719	Solid	198	0.40	25.00	6.20	Twisted	-	22.8	1110.0
HR720	Multistrand	278	0.40	35.00	7.60	Twisted	-	26.5	1535.0

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)
701 to 720	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)