

HR-601

HEAT RESISTANCE CABLE PTFE-INNER PTFE SS BRAIDING 300°C



JSS 51037, JSS 51038, IS 8130

Voltage Grade : 1100V

SPECIFICATIONS

| | |
|-----------------|---|
| Conductor | : Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper, Pure Nickel |
| Core Insulation | : PTFE Insulated |
| Construction | : Twisted |
| Inner Sheath | : PTFE Sheath |
| Outer Sheath | : Stainless Steel Wire Braiding |
| Operating Temp. | : 300°C |

FEATURES

- ✓ Max. Temp. Up to 300°C
- ✓ Excellent Heat Resistant
- ✓ High Temperature Resist
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Almylar Tape Shielded and Metal Shielding
- ✓ 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 ²) | Nominal Bunched Conductor Dia (mm) | Cable Formation | Nominal Cable Diameter mm (Flat) | Nominal Cable Diameter mm (Twisted) | Cable Wgt (Approx.) Kg/Km |
|------------------|-------------|---------------|-----------------|---------------------------------------|------------------------------------|-----------------|----------------------------------|-------------------------------------|---------------------------|
| HR601 | Multistrand | 7 | 0.3 | 0.5 | 0.9 | Twisted | - | 4.6 | 56 |
| HR602 | Solid | 1 | 0.81 | 0.5 | 0.81 | Twisted | - | 4.6 | 56 |
| HR603 | Multistrand | 7 | 0.37 | 0.75 | 1.1 | Twisted | - | 5.1 | 65 |
| HR604 | Solid | 1 | 1 | 0.81 | 1 | Twisted | - | 5.1 | 68 |
| HR605 | Multistrand | 7 | 0.43 | 1 | 1.3 | Twisted | - | 5.7 | 75 |
| HR606 | Multistrand | 14 | 0.30 | 1.00 | 1.30 | Twisted | - | 5.7 | 75.0 |
| HR607 | Multistrand | 3 | 0.71 | 1.20 | 1.42 | Twisted | - | 6.2 | 82.0 |
| HR608 | Multistrand | 40 | 0.20 | 1.25 | 1.42 | Twisted | - | 6.2 | 86.0 |
| HR609 | Solid | 1 | 1.30 | 1.30 | 1.30 | Twisted | - | 5.7 | 90.0 |
| HR610 | Multistrand | 19 | 0.3 | 1.3 | 1.5 | Twisted | - | 6.3 | 90 |
| HR611 | Multistrand | 48 | 0.20 | 1.50 | 1.55 | Twisted | - | 6.5 | 97.0 |
| HR612 | Multistrand | 7 | 0.53 | 1.50 | 1.55 | Twisted | - | 6.5 | 97.0 |
| HR613 | Multistrand | 21 | 0.30 | 1.50 | 1.55 | Twisted | - | 6.5 | 97.0 |
| HR614 | Multistrand | 35 | 0.30 | 2.50 | 2.00 | Twisted | - | 7.6 | 131.0 |
| HR615 | Multistrand | 56 | 0.30 | 4.00 | 2.60 | Twisted | - | 9.2 | 195.0 |
| HR616 | Multistrand | 84 | 0.30 | 6.00 | 3.10 | Twisted | - | 10.8 | 278.0 |
| HR617 | Multistrand | 140 | 0.30 | 10.00 | 4.20 | Twisted | - | 15.8 | 460.0 |
| HR618 | Multistrand | 128 | 0.40 | 16.00 | 5.20 | Twisted | - | 18.5 | 716.0 |
| HR619 | Solid | 198 | 0.40 | 25.00 | 6.20 | Twisted | - | 22 | 1060.0 |
| HR620 | Multistrand | 278 | 0.40 | 35.00 | 7.60 | Twisted | - | 25.6 | 1450.0 |

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) |
| 601 to 620 | BC0 NPC SPC PN0 | 01 02 - - 04 | RB0 RYB CS0 | T-(Twisted) |

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