

RFP-401

RTD CABLE

FEP - ALMYLAR - FEP - SS BRAIDING - 200°C



DIN 43760, JSS 51034, JSS 51038

Voltage Grade : 600V

SPECIFICATIONS

| | |
|-----------------|-----------------------------------------------------------------------------------------------------------------------|
| Conductor | : Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper) |
| Core Insulation | : Extruded FEP Insulated |
| Construction | : Twisted |
| Screening | : Almylar Screening with ATC Drain Wire |
| Outer Jacket | : Extruded FEP Insulated |
| Outer Braiding | : Stainless Steel Wire |
| Operating Temp. | : 200°C |
| Color Code | : According to DIN |

FEATURES

- Max. Temp. Up to 200°C
- Low Dielectric Constant
- Outstanding Insulating Properties
- High Mechanical Strength
- Good Thermal Stability
- Flame Retardant
- Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- Color Code as per Customer Requirement
- Covering of Metal Braiding
- Available with 1.1 KV Grade
- Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

| Cable Oding Code | Wire Type | AWG / SWG No | No of Strands | Strand Dia (mm) | Cross Section Area (mm ²) | Nominal Bunched Conductor | Cable Formation | Nominal Cable Diameter | Nominal Cable Diameter mm (Twisted) | Cable Wgt (Approx.) Kg/Km |
|------------------|-------------|--------------|---------------|-----------------|---------------------------------------|---------------------------|-----------------|------------------------|-------------------------------------|---------------------------|
| RFP401 | Multistrand | AWG 26/7/34 | 7 | 0.16 | 0.14 | 0.48 | Twisted | - | 3.2 | 23 |
| RFP402 | Solid | AWG 24 | 1 | 0.51 | 0.2 | 0.51 | Twisted | - | 3.4 | 30 |
| RFP403 | Multistrand | AWG 24/7/32 | 7 | 0.2 | 0.22 | 0.61 | Twisted | - | 3.7 | 32 |
| RFP404 | Multistrand | AWG 22/7/30 | 7 | 0.25 | 0.34 | 0.76 | Twisted | - | 4.3 | 39 |
| RFP405 | Multistrand | AWG 22/19/34 | 19 | 0.16 | 0.38 | 0.81 | Twisted | - | 4.4 | 41 |
| RFP406 | Multistrand | 7X32 SWG | 7 | 0.27 | 0.42 | 0.82 | Twisted | - | 4.4 | 44.0 |
| RFP407 | Multistrand | 16X32 AWG | 16 | 0.20 | 0.50 | 0.90 | Twisted | - | 4.5 | 48.0 |
| RFP408 | Multistrand | 7X29 AWG | 7 | 0.30 | 0.50 | 0.90 | Twisted | - | 4.5 | 48.0 |
| RFP409 | Solid | 1 X 20 AWG | 1 | 0.81 | 0.50 | 0.81 | Twisted | - | 4.5 | 48.0 |
| RFP410 | Multistrand | 7X27 AWG | 7 | 0.37 | 0.75 | 1.11 | Twisted | - | 5.4 | 62.0 |
| RFP411 | Multistrand | 24X32 AWG | 24 | 0.20 | 0.75 | 1.11 | Twisted | - | 5.4 | 62.0 |
| RFP412 | Solid | 18 AWG | 1 | 1.02 | 0.81 | 1.02 | Twisted | - | 5.2 | 65.0 |
| RFP413 | Multistrand | 14X29 AWG | 14 | 0.30 | 1.00 | 1.30 | Twisted | - | 5.8 | 74.0 |
| RFP414 | Multistrand | 32X32 AWG | 32 | 0.20 | 1.00 | 1.30 | Twisted | - | 5.8 | 74.0 |
| RFP415 | Multistrand | 7 X 27 SWG | 7 | 0.43 | 1.00 | 1.30 | Twisted | - | 5.8 | 74.0 |
| RFP416 | Multistrand | 3X22 SWG | 3 | 0.71 | 1.20 | 1.55 | Twisted | - | 6.5 | 86.0 |
| RFP417 | Multistrand | 40X36 SWG | 40 | 0.19 | 1.25 | 1.40 | Twisted | - | 6.4 | 88.0 |
| RFP418 | Solid | 16 AWG | 1 | 1.29 | 1.30 | 1.29 | Twisted | - | 6.1 | 94.0 |
| RFP419 | Multistrand | 19 x 29 AWG | 19 | 0.30 | 1.30 | 1.50 | Twisted | - | 6.6 | 94.0 |
| RFP420 | Multistrand | 19 X 28 AWG | 19 | 0.32 | 1.50 | 1.60 | Twisted | - | 6.8 | 99.0 |
| RFP421 | Multistrand | 21X29 AWG | 21 | 0.30 | 1.50 | 1.55 | Twisted | - | 6.8 | 99.0 |
| RFP422 | Multistrand | 7X24 AWG | 7 | 0.53 | 1.50 | 1.55 | Twisted | - | 6.8 | 99.0 |
| RFP423 | Multistrand | 48X36 SWG | 48 | 0.19 | 1.50 | 1.55 | Twisted | - | 6.8 | 99.0 |

Note : Above parameters are considering 3 core RTD cable

ORDERING CODE

| Conductor Size | Type of Conductor | No. of Core | Color Code | Cable Formation |
|----------------|---------------------------------|--------------------------|-------------------|-----------------|
| (RFPXXX) | (XXX) | (XX) | (XXX) | (X) |
| 401 to 423 | BC0 NPC TPC SPC PN0 | 02 03 - - 36 | RW0 RRW CS0 | T-(Twisted) |

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel). RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)