

# RFP-201

## RTD CABLE

FEP - FEP - SS BRAIDING INSULATED - 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 Insulation
Construction	: Twisted
Outer Jacket	: Extruded FEP Insulation
Outer Braiding	: Stainless Steel Wire Braiding
Operating Temp.	: 200°C
Color Code	: According to DIN

### FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Suitable for High Voltage use
- ✓ Low Dielectric Constant
- ✓ Excellent Fire Retardant property
- ✓ Good Mechanical Strength
- ✓ Good Moisture, Chemical Abrasion Resistance

### AVAILABLE OPTIONS

- ✓ Twisted / Shielded Triad
- ✓ Color Code as per Customer Requirement
- ✓ Metal Covering
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm <sup>2</sup> )	Nominal Bunched Conductor	Cable Formation	Nominal Cable Diameter	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RFP201	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	15
RFP202	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	3.1	24
RFP203	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	3.4	24
RFP204	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	3.9	30
RFP205	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4	32
RFP206	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4	36.0
RFP207	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	4.1	39.0
RFP208	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	4.1	39.0
RFP209	Solid	AWG 20	1	0.81	0.51	0.81	Twisted	-	4	39
RFP210	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.9	52.0
RFP211	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.9	52.0
RFP212	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.9	55.0
RFP213	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.4	68.0
RFP214	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.4	68.0
RFP215	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.4	68.0
RFP216	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	6.1	78.0
RFP217	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	6.1	81.0
RFP218	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.4	84.0
RFP219	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6.1	84.0
RFP220	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.3	89.0
RFP221	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.3	89.0
RFP222	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.3	89.0
RFP223	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.3	89.0

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)
201 to 223	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)