

RFP-101

RTD CABLE

FEP - FEP 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 Insulated
Construction	: Twisted
Outer Jacket	: Extruded FEP Sheathed
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

- Max. Temp. Up to 200°C
- Outstanding Insulating Properties.
- Low Dielectric Constant
- Very good chemical Resistivity
- Good Abrasion Resistance
- Non-Flammability
- Passes JSS 51034 Flame Test

AVAILABLE OPTIONS

- Shielding of Tape & Metal
- Flat Cable Formation
- Color Code as per Customer Requirement
- Available with 1.1 KV Grade Metal Covering

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 Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RFP101	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.4	11
RFP102	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	2.5	15
RFP103	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	2.8	16
RFP104	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	3.3	22
RFP105	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	3.4	24
RFP106	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	3.4	26.0
RFP107	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	3.5	29.0
RFP108	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	3.5	29.0
RFP109	Solid	1 X 20 AWG	1	0.81	0.50	0.81	Twisted	-	3.5	29.0
RFP110	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.3	40.0
RFP111	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.3	40.0
RFP112	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.2	43.0
RFP113	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	4.8	52.0
RFP114	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	4.8	52.0
RFP115	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	4.8	52.0
RFP116	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	5.5	62.0
RFP117	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	5.1	65.0
RFP118	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	4.8	68.0
RFP119	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	5.5	68.0
RFP120	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	5.7	72.0
RFP121	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	5.7	72.0
RFP122	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	5.7	72.0
RFP123	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	5.7	72.0

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)
101 to 123	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)