

RFP-501

RTD CABLE

FEP - POLYIMIDE - COPPER SCREEN - FEP INSULATED - 200°C



DIN 43760, JSS51034, JSS51037, JSS51038

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
Isolator	: Polyimide
Screening	: Copper Screening
Outer Jacket	: Extruded FEP Insulated
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
- Almylar Tape Screening
- 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 Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RFP501	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	25
RFP502	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	3.3	28
RFP503	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	3.3	30
RFP504	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	4	40
RFP505	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4.1	42
RFP506	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4.2	46.0
RFP507	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	4.5	50.0
RFP508	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	4.5	50.0
RFP509	Solid	AWG 20	1	0.81	0.51	0.81	Twisted	-	4.2	50
RFP510	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.8	55.0
RFP511	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.8	55.0
RFP512	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.8	65.0
RFP513	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.4	72.0
RFP514	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.4	72.0
RFP515	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.4	72.0
RFP516	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	5.7	80.0
RFP517	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	5.5	85.0
RFP518	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.4	95.0
RFP519	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	5.6	95.0
RFP520	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	5.7	105.0
RFP521	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	5.7	105.0
RFP522	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	5.7	105.0
RFP523	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	5.7	105.0

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)
501 to 523	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)