

RFP-301

RTD CABLE

FEP - ALMYLAR SCREEN - 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
Screening	: Al-Mylar Screening with ATC Drain Wire
Outer Jacket	: Extruded FEP Sheathed
Operating Temp.	: 200°C
Color Code	: According to DIN

FEATURES

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

AVAILABLE OPTIONS

- Color Code as per Customer Requirement
- Asbestos Braiding for Better Chemical & Heat Resistance Purpose
- Available with Higher Voltage Grade

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm ²)	Nominal Bundled Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RFP301	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	17
RFP302	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	2.9	22
RFP303	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	3.2	23
RFP304	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	3.7	29
RFP305	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	3.8	31
RFP306	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	3.8	33.0
RFP307	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	3.9	36.0
RFP308	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	3.9	36.0
RFP309	Solid	1 X 20 AWG	1	0.81	0.50	0.81	Twisted	-	3.9	36.0
RFP310	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.8	48.0
RFP311	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.8	48.0
RFP312	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.6	51.0
RFP313	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.2	60.0
RFP314	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.2	60.0
RFP315	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.2	60.0
RFP316	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	5.9	70.0
RFP317	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	5.8	72.0
RFP318	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.5	75.0
RFP319	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6	75.0
RFP320	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.2	79.0
RFP321	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.2	79.0
RFP322	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.2	79.0
RFP323	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.2	79.0

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)
301 to 323	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)