

RTF-601

RTD CABLE

FEP - SILICON INSULATED - 200°C



DIN 43760, JSS 51034, IS 6380

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 Silicon Insulation
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.
- Excellent Flexibility
- 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 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
RFP601	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	3.4	20
RFP602	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	3.8	24
RFP603	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	4.4	30
RFP604	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4.8	32
RFP605	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4.8	36.0
RFP606	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	5	39.0
RFP607	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	5	39.0
RFP608	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	5.5	50.0
RFP609	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	5.5	50.0
RFP610	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	6.2	64.0
RFP611	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	6.2	64.0
RFP612	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	6.2	64.0
RFP613	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	6.6	70.0
RFP614	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	6.5	78.0
RFP615	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6.6	85.0
RFP616	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.6	95.0
RFP617	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.6	95.0
RFP618	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.6	95.0
RFP619	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.6	95.0

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)
601 to 619	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)