

RT-401

RTD CABLE

PTFE - FEP INSULATED - 200°C



DIN 43760, JSS 51034

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Flat
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
- ✓ Flame retardant
- ✓ Halogen free

AVAILABLE OPTIONS

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

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering 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
RT401	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Flat	2.4 x 1.3	-	11
RT402	Solid	AWG 24	1	0.51	0.2	0.51	Flat	2.5 X 1.4	-	15
RT403	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Flat	2.8X1.6	-	16
RT404	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Flat	3.3X2.0	-	22
RT405	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Flat	3.4X2.1	-	24
RT406	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Flat	3.4X2.1	-	26.0
RT407	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Flat	3.5X2.1	-	29.0
RT408	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Flat	3.5X2.1	-	29.0
RT409	Solid	1 X 20 AWG	1	0.81	0.50	0.81	Flat	3.5X2.1	-	29.0
RT410	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Flat	4.3X2.3	-	40.0
RT411	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Flat	4.3X2.3	-	40.0
RT412	Solid	18 AWG	1	1.02	0.81	1.02	Flat	4.2X2.2	-	43.0
RT413	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Flat	4.8X2.5	-	52.0
RT414	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Flat	4.8X2.5	-	52.0
RT415	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Flat	4.8X2.5	-	52.0
RT416	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Flat	5.5X2.8	-	62.0
RT417	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Flat	5.1X2.7	-	65.0
RT418	Solid	16 AWG	1	1.29	1.30	1.29	Flat	4.8X2.5	-	68.0
RT419	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Flat	5.5X2.8	-	68.0
RT420	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Flat	5.7 x 3.0	-	72.0
RT421	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Flat	5.7 x 3.0	-	72.0
RT422	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Flat	5.7 x 3.0	-	72.0
RT423	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Flat	5.7 x 3.0	-	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
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 423	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	F-(Flat)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)