

RT-801

RTD CABLE

PTFE - PTFE - FG - SS BRAIDING
350°C



DIN 43760, JSS 51034, JSS 51038

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: PTFE Insulation
Outer Jacket	: Fiber Glass Insulation
Overall braiding	: Stainless Steel Wire Braided
Operating Temp.	: 350°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 350°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Flame Retardant
- ✓ Halogen free

AVAILABLE OPTIONS

- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Twisted & Shielded Triad
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm²)	Nominal Bundled Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RT801	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	3.2	23
RT802	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	3.4	30
RT803	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	3.7	32
RT804	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	4.3	39
RT805	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4.4	41
RT806	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4.4	44.0
RT807	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	4.5	48.0
RT808	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	4.5	48.0
RT809	Solid	1 X 20 AWG	1	0.81	0.50	0.81	Twisted	-	4.5	48.0
RT810	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	5.4	62.0
RT811	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	5.4	62.0
RT812	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	5.2	65.0
RT813	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.8	74.0
RT814	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.8	74.0
RT815	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.8	74.0
RT816	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	6.5	86.0
RT817	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	6.4	88.0
RT818	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	6.1	94.0
RT819	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6.6	94.0
RT820	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.8	99.0
RT821	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.8	99.0
RT822	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.8	99.0
RT823	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.8	99.0

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)
801 to 823	BC0 NPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

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)