

RT-201

RTD CABLE

**PTFE - PTFE - SS BRAIDING INSULATED
- 260°C**



DIN 43760, JSS 51034, IS 8130

Voltage Grade : 600V

SPECIFICATIONS

Conductor : Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
 Core Insulation : PTFE Insulated
 Construction : Twisted
 Outer Jacket : PTFE Sheathed
 Outer Braiding : Stainless Steel Wire Braiding
 Operating Temp. : 260°C
 Color Code : According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Outstanding Insulating Properties.
- ✓ High Mechanical Strength
- ✓ Good Thermal Stability
- ✓ Good Mechanical Strength
- ✓ Flame Retardant
- ✓ Halogen free

AVAILABLE OPTIONS

- ✓ Twisted / Shielded Pair
- ✓ Color Code as per Customer Requirement
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose
- ✓ Available with 1.1 KV 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
RT201	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	15
RT202	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	3.1	24
RT203	Multistrand	AWG 24/7/32 OR 7/36 SWG	7	0.2	0.22	0.61	Twisted	-	3.4	24
RT204	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	3.9	30
RT205	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4	32
RT206	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4	36.0
RT207	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	4.1	39.0
RT208	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	4.1	39.0
RT209	Solid	AWG 20	1	0.81	0.51	0.81	Twisted	-	4	39
RT210	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.9	52.0
RT211	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.9	52.0
RT212	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.9	55.0
RT213	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.4	68.0
RT214	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.4	68.0
RT215	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.4	68.0
RT216	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	6.1	78.0
RT217	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	6.1	81.0
RT218	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.4	84.0
RT219	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6.1	84.0
RT220	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.3	89.0
RT221	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.3	89.0
RT222	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.3	89.0
RT223	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.3	89.0

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)
201 to 223	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)