



RT-151

RTD CABLE

**PTFE - POLYIMIDE - COPPER SCREEN -
FEP 200°C**



DIN 43760, JSS51034, JSS51037, JSS51038

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper)
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Insulation
Screening	: Copper Screening
Outer Jacket	: Extruded FEP Insulation
Operating Temp. :	200°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ Excellent Heat Resistant
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ High Mechanical Strength
- ✓ Flame Retardant
- ✓ Passes JSS 51034 Flame Test

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 SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RT151	7	0.122	0.08	0.36	Twisted	2.9	17
RT152	7	0.152	0.12	0.45	Twisted	3	19
RT153	7	0.193	0.22	0.57	Twisted	3.3	26
RT154	7	0.274	0.42	0.81	Twisted	3.75	35
RT155	3	0.711	1.2	1.39	Twisted	5	71
RT156	7	0.160	0.14	0.48	Twisted	3.7	19
RT157	1	0.510	0.2	0.51	Twisted	3.9	26
RT158	7	0.274	0.45	0.82	Twisted	4.5	35.5
RT159	1	0.810	0.5	0.81	Twisted	4.5	38.5
RT160	7	0.300	0.5	0.9	Twisted	4.6	38.5
RT161	1	1.020	0.75	1.02	Twisted	4.85	55
RT162	14	0.300	1	1.26	Twisted	5.35	63
RT163	1	1.290	1.3	1.29	Twisted	5.5	82
RT164	19	0.300	1.3	1.52	Twisted	6	82
RT165	40	0.200	1.25	1.42	Twisted	5.8	81
RT166	21	0.300	1.5	1.55	Twisted	6.1	90
RT167	35	0.300	2.5	2	Twisted	6.7	146

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RTXXX)	(XXX)	(XX)	(XXX)	(X)
151 to 167	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)