

RT-901

RTD CABLE

PTFE - POLYIMIDE - COPPER SCREEN - PTFE 260°C



DIN 43760, JSS51034, JSS51037, JSS51038

Voltage Grade : 600V

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	: PTFE Insulation
Operating Temp.	: 260°C
Color Code	: According to DIN

FEATURES

- ✓ Max. Temp. Up to 260°C
- ✓ Excellent Heat Resistant
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ 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 (mm ²)	Nominal Bundled Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RT901	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	25
RT902	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	3.3	28
RT903	Multistrand	AWG 24/7/32	7	0.2	0.22	0.61	Twisted	-	3.3	30
RT904	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	4	40
RT905	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	4.1	42
RT906	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	4.2	46.0
RT907	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	4.5	50.0
RT908	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	4.5	50.0
RT909	Solid	AWG 20	1	0.81	0.51	0.81	Twisted	-	4.2	50
RT910	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.8	55.0
RT911	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.8	55.0
RT912	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.8	65.0
RT913	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.4	72.0
RT914	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.4	72.0
RT915	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.4	72.0
RT916	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	5.7	80.0
RT917	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	5.5	85.0
RT918	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.4	95.0
RT919	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	5.6	95.0
RT920	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	5.7	105.0
RT921	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	5.7	105.0
RT922	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	5.7	105.0
RT923	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	5.7	105.0

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)
901 to 923	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)