

RT-601

RTD CABLE

PTFE - ALMYLAR SCREEN - PTFE INSULATED - 260°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
Screening	: Almylar Screening with 0.50 Sq. mm ATC Drain Wire
Outer Jacket	: PTFE Sheathed
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

- ✓ Color Code as per Customer Requirement
- ✓ Covering of Metal Braiding
- ✓ Asbestos Braiding for Better Chemical & Heat Resistance Purpose

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
RT601	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	17
RT602	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	2.9	22
RT603	Multistrand	AWG 24/7/32	7	0.2	0.22	0.61	Twisted	-	3.2	23
RT604	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	3.7	29
RT605	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	3.8	31
RT606	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	3.8	33.0
RT607	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	3.9	36.0
RT608	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	3.9	36.0
RT609	Solid	1 X 20 AWG	1	0.81	0.50	0.81	Twisted	-	3.9	36.0
RT610	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.8	48.0
RT611	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.8	48.0
RT612	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.6	51.0
RT613	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.2	60.0
RT614	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.2	60.0
RT615	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.2	60.0
RT616	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	5.9	70.0
RT617	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	5.8	72.0
RT618	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.5	75.0
RT619	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6	75.0
RT620	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.2	79.0
RT621	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.2	79.0
RT622	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.2	79.0
RT623	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	-	6.2	79.0

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)
601 to 623	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)