

RT-701

RTD CABLE

PTFE - ALMYLAR - PTFE - SS BRAIDING - 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
Outer Braiding	: Stainless Steel Wire
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
- ✓ Available with 1.1 KV Grade
- ✓ 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
Rt701	Multistrand	AWG 26/7/34	7	0.16	0.14	0.48	Twisted	-	2.8	17
Rt702	Solid	AWG 24	1	0.51	0.2	0.51	Twisted	-	2.9	22
Rt703	Multistrand	AWG 24/7/32 OR	7	0.2	0.22	0.61	Twisted	-	3.2	23
Rt704	Multistrand	AWG 22/7/30	7	0.25	0.34	0.76	Twisted	-	3.7	29
Rt705	Multistrand	AWG 22/19/34	19	0.16	0.38	0.81	Twisted	-	3.8	31
Rt706	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	-	3.8	33.0
Rt707	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	-	3.9	36.0
Rt708	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	-	3.9	36.0
Rt709	Solid	1 X 20 AWG	1	0.81	0.50	0.81	Twisted	-	3.9	36.0
Rt710	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	-	4.8	48.0
Rt711	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	-	4.8	48.0
Rt712	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	-	4.6	51.0
Rt713	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	-	5.2	60.0
Rt714	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	-	5.2	60.0
Rt715	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	-	5.2	60.0
Rt716	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	-	5.9	70.0
Rt717	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	-	5.8	72.0
Rt718	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	-	5.5	75.0
Rt719	Multistrand	19 x 29 AWG	19	0.30	1.30	1.50	Twisted	-	6	75.0
Rt720	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	-	6.2	79.0
Rt721	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	-	6.2	79.0
Rt722	Multistrand	7X24 AWG	7	0.53	1.50	1.55	Twisted	-	6.2	79.0
Rt723	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)
701 to 723	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)