

# RP-101

## RTD CABLE

PVC - PVC INSULATED - 90°C



DIN 43760, IS 694, BS5308, IS 8130

Voltage Grade : 600V

### SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Tinned Plated Copper)
Core Insulation	: PVC, HR PVC, FR PVC, LSZH Insulation
Construction	: Twisted
Outer Jacket	: PVC, HR PVC, FR PVC, FRLS PVC, LSZH Sheath
Operating Temp.	: 90°C
Color Code	: According to DIN

### FEATURES

- ✓ Max. Temp. Up to 90°C
- ✓ Non-Flammability
- ✓ Good Resistant to Abrasion
- ✓ Excellent Flame Retardant
- ✓ Good Heat Resistance
- ✓ Good Flexibility

### AVAILABLE OPTIONS

- ✓ Shielding of Tape & Metal
- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering

### CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	AWG / SWG No	No of Strands	Strand Dia (mm)	Cross Section Area (mm <sup>2</sup> )	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Twisted)	Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
RP101	Solid	24 AWG	1	0.51	0.20	0.51	Twisted	5.70	--	50.0
RP102	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted	5.80	--	54.0
RP103	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted	6.10	--	61.0
RP104	Solid	22 SWG	1	0.71	0.40	0.71	Twisted	6.10	--	64.0
RP105	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	6.30	--	68.0
RP106	Solid	20 AWG	1	0.81	0.50	0.81	Twisted	6.30	--	72.0
RP107	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	6.40	--	72.0
RP108	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	6.40	--	72.0
RP109	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	6.80	--	82.0
RP110	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	6.80	--	82.0
RP111	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	6.60	--	88.0
RP112	Solid	17 AWG	1	1.13	1.00	1.13	Twisted	6.90	--	95.0
RP113	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	7.40	--	95.0
RP114	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	7.40	--	95.0
RP115	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	7.40	--	95.0
RP116	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	8.00	--	110.0
RP117	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	7.60	--	115.0
RP118	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	7.40	--	120.0
RP119	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted	8.00	--	120.0
RP120	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	8.10	--	132.0
RP121	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	8.10	--	132.0
RP122	Multistrand	21X29 AWG	7	0.53	1.50	1.55	Twisted	8.10	--	132.0
RP123	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	8.10	--	132.0

Note : Above parameters are considering 3 core RTD cable

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RPXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 123	BC0 TPC	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), TPC (Tin Plated Copper)  
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)