

RP-201

RTD CABLE

**PVC - POLYESTER TAPE COPPER
SCREEN - 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
Isolator	: Polyester Tape
Screening	: Copper Wire
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 Almylar Tape
- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Metal Covering
- ✓ Armoured

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	Cable Formation	Nominal Diameter mm (Twisted)	Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
RP201	Solid	24 AWG	1	0.51	0.20	0.51	Twisted	6.20	-	48.0
RP202	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted	6.30	-	50.0
RP203	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted	6.50	-	54.0
RP204	Solid	22 SWG	1	0.71	0.40	0.71	Twisted	6.50	-	60.0
RP205	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	6.70	-	61.0
RP206	Solid	20 AWG	1	0.81	0.50	0.81	Twisted	6.70	-	64.0
RP207	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	6.80	-	64.0
RP208	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	6.80	-	64.0
RP209	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted	6.90	-	68.0
RP210	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	7.20	-	79.0
RP211	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	7.20	-	79.0
RP212	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	7.10	-	80.0
RP213	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted	7.30	-	85.0
RP214	Solid	17 AWG	1	1.13	1.00	1.13	Twisted	7.20	-	95.0
RP215	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	7.60	-	95.0
RP216	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	7.60	-	95.0
RP217	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	7.60	-	95.0
RP218	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	8.50	-	105.0
RP219	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	8.00	-	112.0
RP220	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	7.60	-	118.0
RP221	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted	8.50	-	118.0
RP222	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	8.50	-	125.0
RP223	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	8.50	-	125.0
RP224	Multistrand	21X29 AWG	7	0.53	1.50	1.55	Twisted	8.50	-	125.0
RP225	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	8.50	-	125.0

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)
201 to 225	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)