

RP-301

RTD CABLE

PVC - ALMYLAR - PVC INSULATED - 90°C



DIN 43760, IS 694, BS 5308, 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
Screening	: Almylar Tape Screen with Drain 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

- ✓ Metal Screening
- ✓ 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 Bundched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Twisted)	Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
RP301	Solid	24 AWG	1	0.51	0.20	0.51	Twisted	6.20	-	46.0
RP302	Multistrand	7X32 AWG	7	0.20	0.22	0.56	Twisted	6.30	-	48.0
RP303	Multistrand	7X30 AWG	7	0.25	0.35	0.75	Twisted	6.50	-	52.0
RP304	Solid	22 SWG	1	0.71	0.40	0.71	Twisted	6.50	-	58.0
RP305	Multistrand	7X32 SWG	7	0.27	0.42	0.82	Twisted	6.70	-	58.0
RP306	Solid	20 AWG	1	0.81	0.50	0.81	Twisted	6.70	-	60.0
RP307	Multistrand	7X29 AWG	7	0.30	0.50	0.90	Twisted	6.80	-	60.0
RP308	Multistrand	16X32 AWG	16	0.20	0.50	0.90	Twisted	6.80	-	64.0
RP309	Multistrand	7X28 AWG	7	0.32	0.56	0.96	Twisted	6.90	-	64.0
RP310	Multistrand	7X27 AWG	7	0.37	0.75	1.11	Twisted	7.20	-	74.0
RP311	Multistrand	24X32 AWG	24	0.20	0.75	1.11	Twisted	7.20	-	74.0
RP312	Solid	18 AWG	1	1.02	0.81	1.02	Twisted	7.10	-	75.0
RP313	Multistrand	7X26 AWG	7	0.40	0.88	1.20	Twisted	7.30	-	80.0
RP314	Solid	17 AWG	1	1.13	1.00	1.13	Twisted	7.20	-	90.0
RP315	Multistrand	14X29 AWG	14	0.30	1.00	1.30	Twisted	7.60	-	90.0
RP316	Multistrand	32X32 AWG	32	0.20	1.00	1.30	Twisted	7.60	-	90.0
RP317	Multistrand	7 X 27 SWG	7	0.43	1.00	1.30	Twisted	7.60	-	90.0
RP318	Multistrand	3X22 SWG	3	0.71	1.20	1.55	Twisted	8.50	-	100.0
RP319	Multistrand	40X36 SWG	40	0.19	1.25	1.40	Twisted	8.00	-	106.0
RP320	Solid	16 AWG	1	1.29	1.30	1.29	Twisted	7.60	-	112.0
RP321	Multistrand	19X29 AWG	19	0.30	1.30	1.50	Twisted	8.50	-	112.0
RP322	Multistrand	19 X 28 AWG	19	0.32	1.50	1.60	Twisted	8.50	-	120.0
RP323	Multistrand	21X29 AWG	21	0.30	1.50	1.55	Twisted	8.50	-	120.0
RP324	Multistrand	21X29 AWG	7	0.53	1.50	1.55	Twisted	8.50	-	120.0
RP325	Multistrand	48X36 SWG	48	0.19	1.50	1.55	Twisted	8.50	-	120.0

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)
301 to 325	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)