

RP-401

RTD CABLE

PVC - ALMYLAR - PVC - G.I. ARMOURING
- PVC INSULATION 85°C



DIN 43760, IS 1554, BS 5308, IS 8130

Voltage Grade : 300/500V

SPECIFICATIONS

Conductor	: Solid, Multistrand, Copper Material (Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper)
Core insulation	: PVC Insulation
Construction	: Twisted
Screening	: Almylar Tape Screen with Drain Wire
Inner Jacket	: PVC Insulation
Armouring	: G.I. Strip / Round Wire
Outer Jacket	: PVC Insulation
Operating Temp.	: 85°C

FEATURES

- ✓ Max. Temp. Up to 85°C
- ✓ Non-Flammability
- ✓ Good Resistant to Abrasion
- ✓ Excellent Flame Retardant
- ✓ Good Heat Resistance
- ✓ Good Flexibility

AVAILABLE OPTIONS

- ✓ Color code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ Available with Fire Retard & Low Smoke Characteristic
- ✓ Available with Zero Halogen Properties

CONSTRUCTION DETAILS AND DIMENSIONS

CABLE SIZE	NO. OF STRANDS	STRAND DIAMETER (mm)	AREA OF CONDUCTOR (mm) ²	BARE CONDUCTOR DIA.(mm)	FORMATION	CABLE DIMENSION (mm)(max.)	CABLE WT. (APPROX.) (gm/meter)
RP401	7	0.254	0.35	0.76	Twisted	10.2	255
RP402	7	0.152	0.12	0.45	Twisted	9.5	200
RP403	7	0.160	0.14	0.48	Twisted	9.6	250
RP404	1	0.510	0.2	0.51	Twisted	9.8	220
RP405	7	0.200	0.22	0.59	Twisted	10.0	230
RP406	7	0.274	0.42	0.81	Twisted	11.10	240
RP407	14	0.200	0.45	0.51	Twisted	11.20	250
RP408	1	0.810	0.5	0.81	Twisted	11.50	265
RP409	7	0.300	0.5	0.89	Twisted	11.50	265
RP410	24	0.200	0.75	1.1	Twisted	12.0	300
RP411	14	0.300	1	1.26	Twisted	12.20	330
RP412	40	0.200	1.25	1.42	Twisted	12.40	340
RP413	1	1.290	1.3	1.29	Twisted	12.80	360
RP414	19	0.300	1.3	1.52	Twisted	12.80	360
RP415	21	0.300	1.5	1.55	Twisted	13.0	390
RP416	35	0.300	2.5	2	Twisted	14.5	490
RP417	3	0.711	1.2	1.39	Twisted	12.5	350

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(RPXXX)	(XXX)	(XX)	(XXX)	(X)
401 to 417	BC0 NPC TPC SPC PN0	02 03 - - 36	RW0 RRW CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel).
RW0 (Red - White), RRW (Red - Red - White), CS0 (Customer specification)