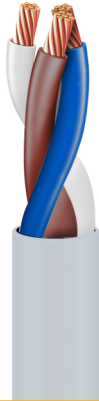


# CP-101

## CONTROL CABLE

PVC - OUTER PVC 90°C



IS 694, IS 5831, IS 8130

Voltage Grade : 1100V

### SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Tinned Plated Copper
Core Insulation	: PVC, HR PVC, FR PVC, FRLS, LSZH Insulation
Construction	: Twisted
Outer Jacket	: PVC, HR PVC, FR PVC, FRLS, LSZH Insulation
Operating Temp.	: 90°C

### FEATURES

- ✓ Max. Temp. Up to 90°C
- ✓ Low Dielectric Constant
- ✓ Outstanding Insulating Properties
- ✓ Flame Retardant
- ✓ Oil & Water Resistance
- ✓ Low Smoke & Low Halogen

### AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Available with lower voltage Grade
- ✓ Twisted & Shielded Triad
- ✓ UV Resistance Sheath
- ✓ Anti Termite & Anti Rodent Sheath

## CONSTRUCTION DETAILS AND DIMENSIONS

Cable Oding Code	Wire Type	No of Strands	Strain 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
CP101	Solid	1	0.51	0.20	0.51	Twisted	5.40	--	35.0
CP102	Multistrand	7	0.20	0.22	0.56	Twisted	5.40	--	35.0
CP103	Multistrand	7	0.25	0.35	0.75	Twisted	6.00	--	42.0
CP104	Multistrand	7	0.27	0.42	0.82	Twisted	6.20	--	48.0
CP105	Solid	1	0.81	0.50	0.81	Twisted	6.20	--	48.0
CP106	Multistrand	7	0.30	0.50	0.90	Twisted	6.40	--	56.0
CP107	Multistrand	16	0.20	0.50	0.90	Twisted	6.40	--	56.0
CP108	Multistrand	7	0.37	0.75	1.11	Twisted	6.80	--	65.0
CP109	Multistrand	24	0.20	0.75	1.11	Twisted	6.80	--	65.0
CP110	Solid	1	1.02	0.81	1.02	Twisted	6.60	--	70.0
CP111	Solid	1	1.13	1.00	1.13	Twisted	6.70	--	80.0
CP112	Multistrand	14	0.30	1.00	1.30	Twisted	7.20	--	80.0
CP113	Multistrand	32	0.20	1.00	1.30	Twisted	7.20	--	80.0
CP114	Multistrand	7	0.43	1.00	1.30	Twisted	7.20	--	80.0
CP115	Multistrand	3	0.71	1.20	1.40	Twisted	7.60	--	90.0
CP116	Multistrand	40	0.19	1.25	1.40	Twisted	7.60	--	95.0
CP117	Solid	1	1.29	1.30	1.29	Twisted	7.20	--	105.0
CP118	Multistrand	19	0.30	1.30	1.50	Twisted	7.80	--	105.0
CP119	Multistrand	19	0.32	1.50	1.60	Twisted	8.00	--	115.0
CP120	Multistrand	21	0.30	1.50	1.55	Twisted	7.90	--	115.0
CP121	Multistrand	7	0.53	1.50	1.55	Twisted	7.90	--	115.0
CP122	Multistrand	1	1.38	1.50	1.55	Twisted	7.90	--	115.0
CP123	Multistrand	48	0.19	1.50	1.55	Twisted	7.90	--	115.0
CP124	Multistrand	7	0.67	2.50	2.00	Twisted	9.50	--	155.0
CP125	Multistrand	35	0.30	2.50	2.00	Twisted	9.50	--	155.0
CP126	Multistrand	50	0.25	2.50	2.00	Twisted	9.50	--	155.0

Note : Above parameters are considering 3 core cable

### ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(CPXXX)	(XXX)	(XX)	(XXX)	(X)
101 to 126	BC0 TPC	01 02 - - 96	BW0 BWB CS0	T-(Twisted)

Note : BC0 (Bare Copper), TPC (Tin Plated Copper)  
BW0 (Blue - White), BWB (Blue - White - Brown), CS0 (Customer specification)