

CP-401

CONTROL CABLE

PVC - INNER PVC - G.I. ARMORING - OUTER PVC 90°C



BS 5308, BS 50288-7, IS 1554, IS 8130

Voltage Grade : 600V

SPECIFICATIONS

Conductor : Multistrand, Bare Copper, Tinned Plated Copper
 Core Insulation : PVC, HR PVC, FR PVC, FRLS, LSZH Insulation
 Construction : Twisted
 Inner Sheath : PVC, HR PVC, FR PVC, FRLS, LSZH Insulation
 Armouring : Galvanized Steel Round Wire/ Flat Strip
 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 1.1 KV Grade
- ✓ Screening
- ✓ UV Resistance Sheath
- ✓ Anti Termite & Anti Rodent Sheath

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Ordering Code	Wire Type	No of Strands	Strain Dia (mm)	Cross Section Area (mm ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Twisted)	Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
CP401	Solid	1	0.81	0.50	0.81	Twisted	10.60	--	250.0
CP402	Multistrand	7	0.30	0.50	0.90	Twisted	11.00	--	250.0
CP403	Multistrand	7	0.37	0.75	1.11	Twisted	11.50	--	260.0
CP404	Solid	1	1.02	0.81	1.02	Twisted	11.00	--	265.0
CP405	Solid	1	1.13	1.00	1.13	Twisted	11.20	--	280.0
CP406	Multistrand	14	0.30	1.00	1.30	Twisted	11.60	--	280.0
CP407	Multistrand	7	0.43	1.00	1.30	Twisted	11.60	--	280.0
CP408	Multistrand	3	0.71	1.20	1.40	Twisted	12.00	--	300.0
CP409	Solid	1	1.29	1.30	1.29	Twisted	11.60	--	320.0
CP410	Multistrand	19	0.30	1.30	1.50	Twisted	12.30	--	320.0
CP411	Multistrand	19	0.32	1.50	1.60	Twisted	12.50	--	335.0
CP412	Multistrand	21	0.30	1.50	1.55	Twisted	12.50	--	335.0
CP413	Multistrand	7	0.53	1.50	1.55	Twisted	12.50	--	335.0
CP414	Multistrand	1	1.38	1.50	1.55	Twisted	12.50	--	335.0
CP415	Multistrand	7	0.67	2.50	2.00	Twisted	14.00	--	390.0

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)
401 to 415	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)