

CP-501

CONTROL CABLE

**PVC - ALMYLER SCREENING - 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
Screening	: Almyler Tape Screening with ATC Drain Wire
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
- ✓ Excellent Resistance to External Electromagnetic Signals

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Available with 1.1 KV Grade
- ✓ UnArmoured
- ✓ UV Resistance Sheath
- ✓ Anti Termite & Anti Rodent Sheath

CONSTRUCTION DETAILS AND DIMENSIONS

Cable Odring 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
CP501	Solid	1	0.81	0.50	0.81	Twisted	11.00	--	258.0
CP502	Multistrand	7	0.30	0.50	0.90	Twisted	11.40	--	258.0
CP503	Multistrand	7	0.37	0.75	1.11	Twisted	11.90	--	268.0
CP504	Solid	1	1.02	0.81	1.02	Twisted	11.40	--	272.0
CP505	Solid	1	1.13	1.00	1.13	Twisted	11.60	--	287.0
CP506	Multistrand	14	0.30	1.00	1.30	Twisted	12.00	--	287.0
CP507	Multistrand	7	0.43	1.00	1.30	Twisted	12.00	--	287.0
CP508	Multistrand	3	0.71	1.20	1.40	Twisted	12.40	--	310.0
CP509	Solid	1	1.29	1.30	1.29	Twisted	12.00	--	330.0
CP510	Multistrand	19	0.30	1.30	1.50	Twisted	12.70	--	330.0
CP511	Multistrand	19	0.32	1.50	1.60	Twisted	12.90	--	342.0
CP512	Multistrand	21	0.30	1.50	1.55	Twisted	12.90	--	342.0
CP513	Multistrand	7	0.53	1.50	1.55	Twisted	12.90	--	342.0
CP514	Multistrand	1	1.38	1.50	1.55	Twisted	12.90	--	342.0
CP515	Multistrand	7	0.67	2.50	2.00	Twisted	14.40	--	400.0

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)
501 to 515	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)