

CP-301

CONTROL CABLE

**PVC- MYLER TAPE COPPER BRAIDING-
OUTER PVC 90°C**



BS 5308, BS 50288-7, IS 694, 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
 Isolator : Myler Tape
 Overall Screening : Copper Wire Braided
 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
- ✓ Armoured
- ✓ 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 ²)	Nominal Bunched Conductor Dia (mm)	Cable Formation	Nominal Diameter mm (Twisted)	Cable Diameter mm (Flat)	Cable Wgt (Approx.) Kg/Km
CP301	Solid	1	0.51	0.20	0.51	Twisted	5.80	--	47.0
CP302	Multistrand	7	0.20	0.22	0.56	Twisted	5.80	--	47.0
CP303	Multistrand	7	0.25	0.35	0.75	Twisted	6.40	--	54.0
CP304	Multistrand	7	0.27	0.42	0.82	Twisted	6.60	--	60.0
CP305	Solid	1	0.81	0.50	0.81	Twisted	6.60	--	60.0
CP306	Multistrand	7	0.30	0.50	0.90	Twisted	7.00	--	68.0
CP307	Multistrand	16	0.20	0.50	0.90	Twisted	7.10	--	68.0
CP308	Multistrand	7	0.37	0.75	1.11	Twisted	7.20	--	77.0
CP309	Multistrand	24	0.20	0.75	1.11	Twisted	7.20	--	77.0
CP310	Solid	1	1.02	0.81	1.02	Twisted	7.00	--	85.0
CP311	Solid	1	1.13	1.00	1.13	Twisted	7.20	--	95.0
CP312	Multistrand	14	0.30	1.00	1.30	Twisted	7.60	--	95.0
CP313	Multistrand	32	0.20	1.00	1.30	Twisted	7.60	--	95.0
CP314	Multistrand	7	0.43	1.00	1.30	Twisted	7.60	--	95.0
CP315	Multistrand	3	0.71	1.20	1.40	Twisted	8.00	--	105.0
CP316	Multistrand	40	0.19	1.25	1.40	Twisted	8.00	--	110.0
CP317	Solid	1	1.29	1.30	1.29	Twisted	7.60	--	120.0
CP318	Multistrand	19	0.30	1.30	1.50	Twisted	8.20	--	120.0
CP319	Multistrand	19	0.32	1.50	1.60	Twisted	8.40	--	130.0
CP320	Multistrand	21	0.30	1.50	1.55	Twisted	8.40	--	130.0
CP321	Multistrand	7	0.53	1.50	1.55	Twisted	8.40	--	130.0
CP322	Multistrand	1	1.38	1.50	1.55	Twisted	8.40	--	130.0
CP323	Multistrand	48	0.19	1.50	1.55	Twisted	8.40	--	130.0
CP324	Multistrand	7	0.67	2.50	2.00	Twisted	9.90	--	175.0
CP325	Multistrand	35	0.30	2.50	2.00	Twisted	9.90	--	175.0
CP326	Multistrand	50	0.25	2.50	2.00	Twisted	9.90	--	175.0

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)
301 to 326	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)