

CFP-301

CONTROL CABLE

FEP-POLYIMIDE TAPE-COPPER
SCREENING-FEP SHEATH - 200°C



JSS 51034, JSS 51038, IS 8130

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper, Tinned Plated Copper
Core Insulation	: Extruded FEP
Construction	: Twisted
Isolator	: Polyimide Tape
Screening	: Copper Braided Wire
Outer Sheath	: Extruded FEP
Operating Temp.	: 200°C

FEATURES

- ✓ Max. Temp. Up to 200°C
- ✓ High Temperature Rated
- ✓ Oil & Water Resistance
- ✓ Excellent Flame Retardant
- ✓ Good Thermal Stability
- ✓ Halogen Free
- ✓ Excellent Resistance to External Electromagnetic Signals

AVAILABLE OPTIONS

- ✓ Color Code as per Customer Requirement
- ✓ Metal Covering
- ✓ Available with 1.1 KV Grade

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 Cable Diameter mm (Flat)	Nominal Cable Diameter mm (Twisted)	Cable Wgt (Approx.) Kg/Km
CFP301	Solid	1	0.51	0.2	0.51	Twisted	-	3.3	28
CFP302	Multistrand	7	0.2	0.22	0.61	Twisted	-	3.3	30
CFP303	Multistrand	7	0.25	0.34	0.76	Twisted	-	4	40
CFP304	Multistrand	7	0.27	0.42	0.82	Twisted	-	4.2	46.0
CFP305	Multistrand	16	0.20	0.50	0.90	Twisted	-	4.5	50.0
CFP306	Multistrand	7	0.30	0.50	0.90	Twisted	-	4.5	50.0
CFP307	Solid	1	0.81	0.51	0.81	Twisted	-	4.2	50
CFP308	Multistrand	7	0.37	0.75	1.11	Twisted	-	4.8	55.0
CFP309	Multistrand	24	0.20	0.75	1.11	Twisted	-	4.8	55.0
CFP310	Solid	1	1.02	0.81	1.02	Twisted	-	4.8	65.0
CFP311	Multistrand	14	0.30	1.00	1.30	Twisted	-	5.4	72.0
CFP312	Multistrand	32	0.20	1.00	1.30	Twisted	-	5.4	72.0
CFP313	Multistrand	7	0.43	1.00	1.30	Twisted	-	5.4	72.0
CFP314	Multistrand	3	0.71	1.20	1.55	Twisted	-	5.7	80.0
CFP315	Multistrand	40	0.19	1.25	1.40	Twisted	-	5.5	85.0
CFP316	Solid	1	1.29	1.30	1.29	Twisted	-	5.4	95.0
CFP317	Multistrand	19	0.30	1.30	1.50	Twisted	-	5.6	95.0
CFP318	Multistrand	19	0.32	1.50	1.60	Twisted	-	5.7	105.0
CFP319	Multistrand	21	0.30	1.50	1.55	Twisted	-	5.7	105.0
CFP320	Multistrand	7	0.53	1.50	1.55	Twisted	-	5.7	105.0
CFP321	Multistrand	48	0.19	1.50	1.55	Twisted	-	5.7	105.0
CFP322	Multistrand	35	0.30	2.50	2.00	Twisted	-	7.4	130.0
CFP323	Multistrand	50	0.25	2.50	2.00	Twisted	-	7.4	130.0

Note : Above parameters are considering 3 core cable

ORDERING CODE

Conductor Size	Type of Conductor	No. of Core	Color Code	Cable Formation
(CFPXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 323	BC0 NPC TPC SPC PN0	01 02 - - 48	BW0 BWB CS0	T-(Twisted)

Note : BC0 (Bare Copper), NPC (Nickel Plated Copper), TPC (Tin Plated Copper), SPC (Silver Plated Copper), PN0 (Pure Nickel). BW0 (Blue - White), BWB (Blue - White - Brown), CS0 (Customer specification)