

CT-301

CONTROL CABLE

**PTFE-POLYIMIDE TAPE-COPPER
SCREENING-PTFE SHEATH- 260°C**



JSS 51034, JS 51038 IS 8130

Voltage Grade : 600V

SPECIFICATIONS

Conductor	: Multistrand, Bare Copper, Nickel Plated Copper, Silver Plated Copper, Pure Nickel
Core Insulation	: PTFE Insulated
Construction	: Twisted
Isolator	: Polyimide Tape
Screening	: Copper Braided Wire
Outer Sheath	: PTFE Sheathed
Operating Temp.	: 260°C

FEATURES

- Max. Temp. Up to 260°C
- Excellent Heat Resistant
- Low Dielectric Constant
- Outstanding Insulating Properties
- Flame Retardant
- Resistance to external Electromagnetic Signals

AVAILABLE OPTIONS

- Color Code as per Customer Requirement
- Available with 1.1 KV Grade
- Outer Metal Braiding
- Asbestos Braiding for Better Chemical & Heat Resistance Purpose

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
CT301	Solid	1	0.51	0.2	0.51	Twisted	-	3.3	28
CT302	Multistrand	7	0.2	0.22	0.61	Twisted	-	3.3	30
CT303	Multistrand	7	0.25	0.34	0.76	Twisted	-	4	40
CT304	Multistrand	7	0.27	0.42	0.82	Twisted	-	4.2	46.0
CT305	Multistrand	16	0.20	0.50	0.90	Twisted	-	4.5	50.0
CT306	Multistrand	7	0.30	0.50	0.90	Twisted	-	4.5	50.0
CT307	Solid	1	0.81	0.51	0.81	Twisted	-	4.2	50
CT308	Multistrand	7	0.37	0.75	1.11	Twisted	-	4.8	55.0
CT309	Multistrand	24	0.20	0.75	1.11	Twisted	-	4.8	55.0
CT310	Solid	1	1.02	0.81	1.02	Twisted	-	4.8	65.0
CT311	Multistrand	14	0.30	1.00	1.30	Twisted	-	5.4	72.0
CT312	Multistrand	32	0.20	1.00	1.30	Twisted	-	5.4	72.0
CT313	Multistrand	7	0.43	1.00	1.30	Twisted	-	5.4	72.0
CT314	Multistrand	3	0.71	1.20	1.55	Twisted	-	5.7	80.0
CT315	Multistrand	40	0.19	1.25	1.40	Twisted	-	5.5	85.0
CT316	Solid	1	1.29	1.30	1.29	Twisted	-	5.4	95.0
CT317	Multistrand	19	0.30	1.30	1.50	Twisted	-	5.6	95.0
CT318	Multistrand	19	0.32	1.50	1.60	Twisted	-	5.7	105.0
CT319	Multistrand	21	0.30	1.50	1.55	Twisted	-	5.7	105.0
CT320	Multistrand	7	0.53	1.50	1.55	Twisted	-	5.7	105.0
CT321	Multistrand	48	0.19	1.50	1.55	Twisted	-	5.7	105.0
CT322	Multistrand	35	0.30	2.50	2.00	Twisted	-	7.4	130.0
CT323	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
(CTXXX)	(XXX)	(XX)	(XXX)	(X)
301 to 323	BC0 NPC SPC PN0	01 02 - - 96	BW0 BWB CS0	T-(Twisted)

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