

CX-101

CONTROL CABLE

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



BS 5308, BS 50288-7, IS 7098,, IS 8130

Voltage Grade : 600V

SPECIFICATIONS

| | |
|-----------------|--|
| Conductor | : Multistrand, Bare Copper, Tinned Plated Copper |
| Core Insulation | : XLPE |
| 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
- ✓ Excellent Dielectric Properties
- ✓ 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 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 |
|------------------|-------------|---------------|-----------------|---------------------------------------|------------------------------------|-----------------|-------------------------------|--------------------------|---------------------------|
| CX101 | Solid | 1 | 0.81 | 0.50 | 0.81 | Twisted | 10.60 | -- | 250.0 |
| CX102 | Multistrand | 7 | 0.30 | 0.50 | 0.90 | Twisted | 11.00 | -- | 250.0 |
| CX103 | Multistrand | 7 | 0.37 | 0.75 | 1.11 | Twisted | 11.50 | -- | 260.0 |
| CX104 | Solid | 1 | 1.02 | 0.81 | 1.02 | Twisted | 11.00 | -- | 265.0 |
| CX105 | Solid | 1 | 1.13 | 1.00 | 1.13 | Twisted | 11.20 | -- | 280.0 |
| CX106 | Multistrand | 14 | 0.30 | 1.00 | 1.30 | Twisted | 11.60 | -- | 280.0 |
| CX107 | Multistrand | 7 | 0.43 | 1.00 | 1.30 | Twisted | 11.60 | -- | 280.0 |
| CX108 | Multistrand | 3 | 0.71 | 1.20 | 1.40 | Twisted | 12.00 | -- | 300.0 |
| CX109 | Solid | 1 | 1.29 | 1.30 | 1.29 | Twisted | 11.60 | -- | 320.0 |
| CX110 | Multistrand | 19 | 0.30 | 1.30 | 1.50 | Twisted | 12.30 | -- | 320.0 |
| CX111 | Multistrand | 19 | 0.32 | 1.50 | 1.60 | Twisted | 12.50 | -- | 335.0 |
| CX112 | Multistrand | 21 | 0.30 | 1.50 | 1.55 | Twisted | 12.50 | -- | 335.0 |
| CX113 | Multistrand | 7 | 0.53 | 1.50 | 1.55 | Twisted | 12.50 | -- | 335.0 |
| CX114 | Multistrand | 1 | 1.38 | 1.50 | 1.55 | Twisted | 12.50 | -- | 335.0 |
| CX115 | 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 |
|----------------|-------------------|--------------------------|-------------------|-----------------|
| (CXXXX) | (XXX) | (XX) | (XXX) | (X) |
| 101 to 115 | 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)