

X-HF-110° – Flexible Earth



0.6/1kV Single Core

X-HF-110 Sheathed Cable

Description: 0.6/1kV CU/X-HF-110 ASNZS5000.1



Application: This cable can be used for mains power supply in switchboards and power stations. It can be installed in trenches, cable duct and cable trunking.

Voltage Rating: 0.6/1kV

Construction: Plain Annealed Copper, Class 5, ASNZS1125,

Tinned Option available on request

Outer Sheath: Extruded Polyvinyl Chloride Compound

X-HF-110 Colour – Green Yellow

Sheath Option: HFS (Halogen Free) – LSZH

Bending Radius: 6 x OD

Operating Conditions: -40~125°C, max temp 110° of conductor.

| Part Number | No of cores and nominal cross section area [mm] | No. and Dia. of wires in cond. | Thickness Of Polyester tape | Nominal Thickness Of XLPO insulation | Overall diameter App. | DC resistance of conductor at 20 °C | Net weight |
|-------------|---|--------------------------------|-----------------------------|--------------------------------------|-----------------------|-------------------------------------|------------|
| | No*Section | [mm] | [mm] | [mm] | [mm] | [Ω/km] | [kg/m] |
| 2.5GYFLEX | 1*2.5 | 50*0.25 | 0.25 | 0.7 | 3.4 | 7.980 | 0.320 |
| 4GYFLEX | 1*4 | 56*0.3 | 0.30 | 0.7 | 4.0 | 4.950 | 0.470 |
| 6GYFLEX | 1*6 | 84*0.3 | 0.30 | 0.7 | 4.6 | 3.300 | 0.670 |
| 10GYFLEX | 1*10 | 80*0.4 | 0.40 | 0.7 | 5.5 | 1.980 | 0.106 |
| 16GYFLEX | 1*16 | 126*0.4 | 0.40 | 0.7 | 7.2 | 1.210 | 0.167 |
| 25GYFLEX | 1*25 | 196*0.4 | 0.40 | 0.9 | 8.9 | 0.780 | 0.261 |
| 35GYFLEX | 1*35 | 273*0.4 | 0.40 | 0.9 | 10.2 | 0.554 | 0.356 |
| 50GYFLEX | 1*50 | 378*0.4 | 0.40 | 1.0 | 11.9 | 0.386 | 0.503 |
| 70GYFLEX | 1*70 | 350*0.5 | 0.50 | 1.1 | 14.0 | 0.272 | 0.698 |
| 95GYFLEX | 1*95 | 476*0.5 | 0.50 | 1.1 | 15.9 | 0.206 | 0.932 |
| 120GYFLEX | 1*120 | 608*0.5 | 0.50 | 1.2 | 18.0 | 0.161 | 1.175 |
| 150GYFLEX | 1*150 | 760*0.5 | 0.50 | 1.4 | 20.3 | 0.129 | 1.474 |
| 185GYFLEX | 1*185 | 931*0.5 | 0.50 | 1.6 | 22.5 | 0.106 | 1.822 |
| 240GYFLEX | 1*240 | 1216*0.5 | 0.50 | 1.7 | 25.5 | 0.080 | 2.348 |
| 300GYFLEX | 1*300 | 1517*0.5 | 0.50 | 1.8 | 28.3 | 0.064 | 2.920 |
| 400GYFLEX | 1*400 | 1998*0.5 | 0.50 | 2.0 | 32.3 | 0.049 | 3.876 |

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of ICSLTD is indicative only and shall not be binding on ICSLTD or be treated as constituting a representation on the part of ICSLTD.