



Description

| | |
|--------------------------|---|
| Conductor | Plain annealed stranded copper |
| Core insulation | PVC (polyvinyl chloride) |
| Alternatives | XLPE (Cross linked polyethylene) LSOH (Low smoke Zero Halogen) PE (polyethylene) |
| Color coding | 1 Black and 1 White core, continuously numbered |
| Wrapping | At least 1 layer of plastic tape |
| Collective screen | 24 µm Aluminum/ PETP tape over tinned copper drain wire |
| Outer sheath | PVC (polyvinyl chloride) |
| Alternatives | LSOH (Low smoke Zero Halogen) Outer sheath varies as per standard and according to application |
| Cables marking : | =Giza Cable Industries =,size,cables short description,voltage,manufacturing year,meter marking |

Application

It works as signal carrier for Instrumentation equipments. Recommended to be used in indoor installation, on racks, in conduits, in dry and wet locations.

| No. of cores | Nominal cross sectional area (mm) ² | Minimum Thickness of insulation (mm) | Nominal Thickness of outer sheath (mm) | Approx. Overall diameter (mm) | Approx. net Weight (Kg/Km) |
|--------------|--|--|--|---------------------------------|------------------------------|
| 1 | 0.50 | 0.44 | 0.9 | 5.9 | 50 |
| 2 | | | 1.0 | 8.6 | 85 |
| 5 | | | 1.1 | 11.1 | 160 |
| 10 | | | 1.2 | 15.5 | 285 |
| 20 | | | 1.4 | 20.2 | 515 |
| 50 | | | 1.8 | 30.8 | 1205 |
| 1 | 0.75 | 0.44 | 0.9 | 6.3 | 55 |
| 2 | | | 1.0 | 9.3 | 100 |
| 5 | | | 1.1 | 12.0 | 195 |
| 10 | | | 1.3 | 17.1 | 360 |
| 20 | | | 1.5 | 22.2 | 660 |
| 50 | | | 1.9 | 33.9 | 1550 |
| 1 | 1.00 | 0.44 | 0.9 | 6.6 | 65 |
| 2 | | | 1.0 | 9.9 | 115 |
| 5 | | | 1.1 | 12.8 | 230 |
| 10 | | | 1.3 | 18.3 | 430 |
| 20 | | | 1.5 | 23.8 | 785 |
| 50 | | | 2.0 | 36.6 | 1885 |
| 1 | 1.50 | 0.44 | 0.9 | 7.2 | 80 |
| 2 | | | 1.1 | 11.1 | 145 |
| 5 | | | 1.2 | 14.3 | 295 |
| 10 | | | 1.4 | 20.4 | 560 |
| 20 | | | 1.6 | 26.6 | 1060 |
| 40 | | | 2.0 | 36.2 | 2050 |
| 1 | 2.50 | 0.53 | 1.0 | 8.6 | 105 |
| 2 | | | 1.1 | 13.0 | 205 |
| 5 | | | 1.3 | 17.2 | 430 |
| 10 | | | 1.6 | 24.8 | 850 |
| 20 | | | 1.8 | 32.3 | 1575 |

Notes: Not allowed for direct connection to low impedance source, e.g. the public mains electricity supplies. Values are approximate and subjected to normal manufacturing tolerance. Individual unit screen also available upon request