



Cu/XLPE/Pet/TDW/Alpet/Pet/TDW/Alpet/Bd/Lsh/Bd/SWA/PVC

BS 5308

**Description:**

Wire armoured instrumentation cable with lead sheath, copper conductor & XLPE insulation, cores from triples, triples twisted in concentric layers, individual & overall screen.

| No. of Cores & Cross Section<br>+No. of Drain Wires & Cross<br>Section<br>mm <sup>2</sup> | Insulation<br>Thickness<br>mm | Lead<br>Thickness<br>mm | Armour<br>Diameter<br>mm | Sheath<br>Thickness<br>mm | Cable<br>Diameter<br>Approx.<br>mm | Total<br>Weight<br>Approx.<br>kg/km |
|-------------------------------------------------------------------------------------------|-------------------------------|-------------------------|--------------------------|---------------------------|------------------------------------|-------------------------------------|
| 2 x 2 x 1.5 + 3x0.5 RE                                                                    | 0.6                           | 1.1                     | 1.6                      | 1.7                       | 25.1                               | 1528                                |
| 4 x 2 x 1.5 + 5x0.5 RE                                                                    | 0.6                           | 1.2                     | 1.6                      | 1.8                       | 28.2                               | 1948                                |
| 6 x 2 x 1.5 + 7x0.5 RE                                                                    | 0.6                           | 1.2                     | 1.6                      | 1.8                       | 31.1                               | 2297                                |
| 12 x 2 x 1.5 + 13x0.5 RE                                                                  | 0.6                           | 1.4                     | 2.0                      | 2.0                       | 38.2                               | 3569                                |
| 16 x 2 x 1.5 + 17x0.5 RE                                                                  | 0.6                           | 1.4                     | 2.0                      | 2.1                       | 41.8                               | 4182                                |
| 24 x 2 x 1.5 + 25x0.5 RE                                                                  | 0.6                           | 1.6                     | 2.5                      | 2.3                       | 49.6                               | 5918                                |
| 37 x 2 x 1.5 + 38x0.5 RE                                                                  | 0.6                           | 1.8                     | 2.5                      | 2.5                       | 58.1                               | 7942                                |

1-Stranded Circular or Solid Conductor 2-XLPE Insulation 3-Polyester Tape 4-Tinned Drain Wire 5-Aluminium Polyester Tape 6-Polyester Tape 7-Tinned Drain Wire 8-Aluminium Polyester Tape 9-Extruded Bedding PVC 10-Lead Sheath 11-Extrude Bedding PVC 12-Galvanized Steel Wire Armour 13-PVC Sheathing (Colour: Black, for intrinsically Safe Systems Blue).

**Maximum conductor temperature: 90°C**

Drain wire identical to conductor cross-section is also available.