



Cu/PVC/Pet/TDW/Alpet/PVC

BS 5308

#### Description :

Wire armoured instrumentation cable with copper conductor & PVC insulation, cores from paris, paris twisted in concentric layer, 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 |
|-------------------------------------------------------------------------------------------|-------------------------------|-------------------------|--------------------------|---------------------------|------------------------------------|-------------------------------------|
| 1 x 2 x 1 + 1x0.5 RM                                                                      | 0.6                           | 1.1                     | 1.25                     | 1.5                       | 18.9                               | 895                                 |
| 2 x 2 x 1 + 1x0.5 RM                                                                      | 0.6                           | 1.1                     | 1.25                     | 1.6                       | 23.4                               | 1275                                |
| 4 x 2 x 1 + 1x0.5 RM                                                                      | 0.6                           | 1.1                     | 1.6                      | 1.7                       | 26.7                               | 1705                                |
| 6 x 2 x 1 + 1x0.5 RM                                                                      | 0.6                           | 1.2                     | 1.6                      | 1.8                       | 30.4                               | 2148                                |
| 12 x 2 x 1 + 1x0.5 RM                                                                     | 0.6                           | 1.4                     | 2.0                      | 2.0                       | 37.2                               | 3272                                |
| 16 x 2 x 1 + 1x0.5 RM                                                                     | 0.6                           | 1.4                     | 2.0                      | 2.1                       | 40.8                               | 3816                                |
| 24 x 2 x 1 + 1x0.5 RM                                                                     | 0.6                           | 1.6                     | 2.0                      | 2.2                       | 47.1                               | 4963                                |
| 37 x 2 x 1 + 1x0.5 RM                                                                     | 0.6                           | 1.8                     | 2.5                      | 2.5                       | 56.5                               | 7166                                |
| 1 x 2 x 1.5 + 1x0.5 RM                                                                    | 0.6                           | 1.1                     | 1.25                     | 1.5                       | 19.4                               | 955                                 |
| 2 x 2 x 1.5 + 1x0.5 RM                                                                    | 0.6                           | 1.1                     | 1.6                      | 1.7                       | 25.7                               | 1578                                |
| 4 x 2 x 1.5 + 1x0.5 RM                                                                    | 0.6                           | 1.2                     | 1.6                      | 1.8                       | 28.8                               | 1981                                |
| 6 x 2 x 1.5 + 1x0.5 RM                                                                    | 0.6                           | 1.3                     | 1.6                      | 1.8                       | 32.4                               | 2464                                |
| 12 x 2 x 1.5 + 1x0.5 RM                                                                   | 0.6                           | 1.4                     | 2.0                      | 2.0                       | 39.5                               | 3681                                |
| 16 x 2 x 1.5 + 1x0.5 RM                                                                   | 0.6                           | 1.5                     | 2.0                      | 2.1                       | 43.3                               | 4354                                |
| 24 x 2 x 1.5 + 1x0.5 RM                                                                   | 0.6                           | 1.6                     | 2.5                      | 2.4                       | 51.2                               | 6059                                |
| 37 x 2 x 1.5 + 1x0.5 RM                                                                   | 0.6                           | 1.9                     | 2.5                      | 2.6                       | 60.4                               | 8243                                |

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

Maximum conductor temperature: 70°C

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