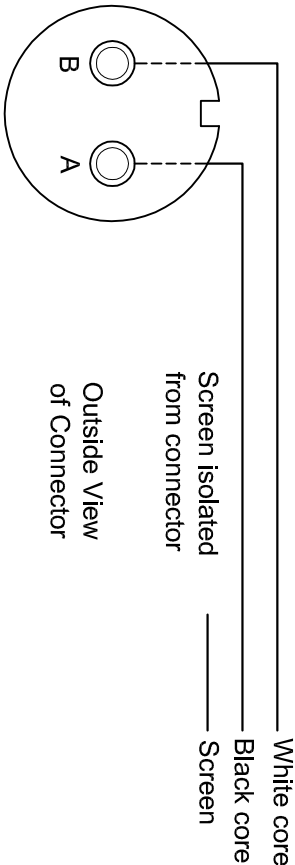
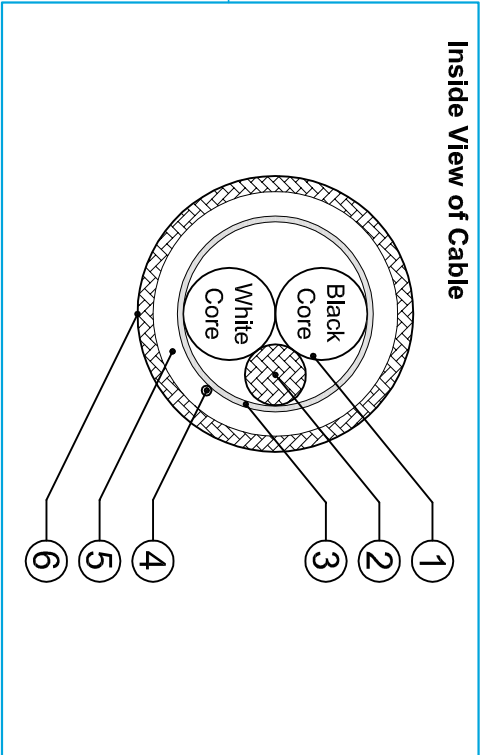


Connection Details of Cable Assembly



Note: This cable assembly has reverse polarity connections.  
White core = Pin B  
Black core = Pin A



| Materials of Cable: C01-002 Overbraided ETFE Cable |                                                |                                             |                  |                    |
|----------------------------------------------------|------------------------------------------------|---------------------------------------------|------------------|--------------------|
| Pos                                                | Description                                    | Dimension                                   | Overall Diameter | Remarks            |
| 1.                                                 | Tin plated copper conductor insulation of ETFE | 20 AWG<br>0,17                              | 0,96<br>1,30     | 19 x 0,20 (0,6mm²) |
| 2.                                                 | Screen wire of tin plated copper               | 20 AWG                                      | 0,96             | 19 x 0,20 (0,6mm²) |
| 3.                                                 | Wrapped aluminium polyester foil screen        |                                             | 2,8              | Coverage: 100%     |
| 4.                                                 | Kevlar tear-thread                             |                                             |                  |                    |
| 5.                                                 | Jacket of FEP, black                           | 0,45                                        | 3,7              |                    |
| 6.                                                 | Braided armour of stainless steel wire         | 16 x 7 x 0,12<br>Lay = 11,8<br>Angle = 46,6 | 4,2 nom          | Nom. Coverage: 95% |

| Technical Data of Cable |                        |         |
|-------------------------|------------------------|---------|
| Technical Data          | Values at 20°C         | Unit    |
| Conductor resistance    | Max: 32,4              | Ω / km  |
| Insulation resistance   | > 1500                 | MΩ x km |
| Test voltage            | 3                      | KV DC   |
| Voltage rating          | 600                    | V AC    |
| Capacitance             | Core-core: 165 ± 10%   | nF / km |
|                         | Core-screen: 310 ± 10% |         |
| Impedance               | Core-core: 33 ± 10%    | Ω       |
|                         | Core-screen: 18 ± 10%  |         |
| Radiation tolerance     | 10 E4                  | Gy      |
| Weight                  | 45                     | g / m   |
| Temperature rating      | -65 / +150             | °C      |