
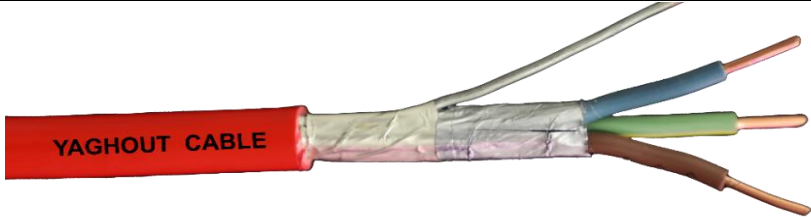


|  |  |   |                       |   |  |  |
|--|--|---|-----------------------|---|--|--|
| Date:1402.07.30  |  | <b>YAGHOUT CABLE</b>  |                       |  |  |  |
| NO:020730-059  |  |   |                       |   |  |  |
| Specification Sheet For Cable  |  |   |                       |   |  |  |
|  |  |   |                       |   |  |  |
| Product Type   | Construction   | Standard  | Rated Voltage         | Size  |  |  |
| Fire Resistant<br>(OSCR)<br>LSFOH<br>LTS3 Jacket<br>Silicone insulation            | Cu/Silicone/PET/<br>Laminated metallic tape<br>&CPC/<br>Laminated metallic tape<br>/LTS3<br>SILTS3 | BS 7629-1<br>BS 50200<br>IEC 60228<br>IEC 60754-1/2<br>IEC 61034-2<br>IEC 60332-1-2 | 300/500 V             | 3×1.5+1.5 mm <sup>2</sup>   |  |  |
| Technical Specifications   | Color of Cores   |   | Brown & Black & Gray  |   |  |  |
|  | Color of Jacket  |   | Red                   |   |  |  |
|  | Conductor  | Material  | Cu+Ag ≥ 99.99         |   |  |  |
|  |  | Classification  | 1                     |   |  |  |
|  |  | No Of Cores   | 3                     |   |  |  |
|  |  | Size (mm <sup>2</sup> )   | 1.5                   |   |  |  |
|  |  | No And Diameter Of Wire (NO/mm)   | 1×1.38                |   |  |  |
|  |  | MAX.Electrical Resistance at 20 °C (mΩ/m)   | 12.1                  |   |  |  |
|  | Insulation   | Material  | Ceramic Fire Silicone |   |  |  |
|  |  | MIN.Thickness Of Insulation , nominal (mm)  | 0.7                   |   |  |  |
|  |  | Hardness Shore A  | 70±3                  |   |  |  |
|  |  | Tensile Strenght (mPa)  | 5                     |   |  |  |
|  |  | Elongation At Break (%)   | 150                   |   |  |  |
|  |  | Diameter Over Insulation (approx)(mm)   | 2.8                   |   |  |  |
|  | Screen1  | Material  | Polyester Tape        |   |  |  |
|  |  | Thickness Of Polyester Tape(μm)   | 35                    |   |  |  |
|  | Screen2  | Aluminium Backed Polyester Tape   | 1 layer               |   |  |  |
|  |  | Uninsulated Tinned Copper CPC(mm)   | 1.38                  |   |  |  |
|  |  | Aluminium Backed Polyester Tape   | 1 layer               |   |  |  |
|  | Jacket   | Material  | LTS3                  |   |  |  |
| MIN.Thickness Of Jacket , nominal (mm)   |  | 0.9   |                       |   |  |  |
| Hardness Shore D   |  | 50  |                       |   |  |  |
| Tensile Strenght (mPa)   |  | 10  |                       |   |  |  |
| Elongation At Break (%)  |  | 100   |                       |   |  |  |
| Diameter Over Jacket (approx)(mm)  |  | 9.2±10%   |                       |   |  |  |
| Thermal Stability  | Working temp (insulation)  | -60°c +200°c  |                       |   |  |  |
|  | Working temp (jacket)  | -40°c +90°c   |                       |   |  |  |
| Details  | Weight (approx)(g/m)   | 127±10%   |                       |   |  |  |
|  | Test voltage (kv)  | 2   |                       |   |  |  |