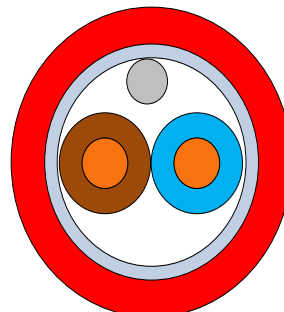


**FIRE RESISTANT SIGNAL CONTROL CABLES
FIRESAFE GOLD
(BS 7629-1; BS 5839-1:2013)**

APPLICATION

- As a power and control cable
- Machine and equipment that are required to continue its function during a fire (emergency elevators, fire water pumps e.g.)
 - Ventilation systems which are connected to fire alarm system
 - In emergency lighting at fire escape exits
 - Emergency power supplies
 - In places where human life and valuable materials and equipment need to be protected



Good EMC Characteristics/ Flame Retardant Characteristic/ Low Smoke Emission/ Without Poisoned And Corrosive Gases
Circuit Integrity For Min. 180 Minutes (FE180)/ Circuit Integrity with Shock and Water Test (C,W,Z)

TECHNICAL CHARACTERISTICS

- | | |
|---|---|
| 1 - Conductor | : IEC 60228/ DIN EN 60228/ EN 60228 Class 1 Electrolytic Solid Copper |
| 2 - Insulation | : EN 50363-1 E12 Silicone Compound |
| 3 - Insulation Colour | : Brown - Blue |
| 4 - Stranding | : Pairwise |
| 5 - Overall Screen | : Tinned Copper Drain Wire + Aluminium Foil (AL-PE) |
| 6 - Sheath | : BS 7655-6.1 LTS 3 HFFR Compound |
| 7 - Sheath Colour | : RAL 3000 Red |
| 8 - Min.Bending Radius | : 6 x D |
| 9 - Operating Voltage | : 300/500V |
| 10 - Test Voltage | : 2000V |
| 11 - Temperature Range | : -40°C ~+70°C (Fixed Laying) |
| 12 - Flame Retardant Test | : IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2 |
| 13 - Flame Propagation Test (Cat C) | : IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24 |
| 14 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 15 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-267-2-3, EN 50267-2-3 |
| 16 - Halogen Free Test | : IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1 |
| 17 - Circuit Integrity Test (FE180) | : IEC 60331-23 |
| 18 - Circuit Integrity With Shock and Water Test (C,W,Z) | : BS 6387: 2013 |
| 19 - Circuit Integrity With Shock Test (With Water Option 30min.) | : EN 50200 + ANNEX E, VDE 0482-200 + ANNEX E, BS EN 50200 + ANNEX E |
| 20 - Cable Marking | : ERSE KABLO [CABLE DESCRIPTION] [CABLE CONSTRUCTION] [OPERATING VOLTAGE] [METER MARK][PRODUCTION ORDER NUMBER] CE RoHS |

| Cross Section (mm ²) | Approx. Overall Diameter (mm) | Insulation Resistance (MΩxKm) | Conductor Loop Resistance (Ω/Km) | Drain Wire Resistance (Ω/Km) | Current Load (A) | Approx. Weight. (kg/km) | Product Code |
|----------------------------------|-------------------------------|-------------------------------|----------------------------------|------------------------------|------------------|-------------------------|--------------|
| 2x1,5 | 7,8 | 100 | 24,6 | 1,5mm ² =12,2 | 20 | 99 | 36321502588 |
| 2x2,5 | 9,2 | | 15,1 | 2,5mm ² =7,56 | 25 | 146 | 36322502588 |