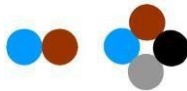


## Standards

- Plain annealed copper IEC 60228
- Materials to BS7655, Type LTS 4
- Fire Resistant to IEC 60331 part 21
- Self-extinguishing to IEC 60332-3C
- Halogen free components to IEC 60754-1, IEC 60754-2
- Low Smoke compounds to IEC 61034 Fire Resistant to BS 8434 part 2 enhanced

## Description

**Conductor:** Plain annealed copper wire  
**Insulation:** Multi layered Mica tape, Zero Halogen Low Smoke Copolymer  
**Earth / Drain Wire:** Bare tinned annealed copper wire same Diameter as core  
**Screen:** Aluminium polyester laminate screen.  
**Sheath:** Zero Halogen Low Smoke Copolymer  
**Colour:** Red (alternatives on request)  
**Core Colours:** Alternatives on request



## Technical Data

| Product Code    | Size mm <sup>2</sup> | Construction No / mm | Cores | Nominal OD mm | Approx Weight kg/km | Conductor RDC max at 20°C Ω/Km |
|-----------------|----------------------|----------------------|-------|---------------|---------------------|--------------------------------|
| EST/001/2CG/RD* | 1                    | 1/1.13               | 2*    | 7.6           | 120                 | 18.1                           |
| EST/1.5/2CG/RD* | 1.5                  | 1/1.38               | 2*    | 8.2           | 145                 | 12.1                           |
| EST/2.5/2CG/RD* | 2.5                  | 1/1.78               | 2*    | 9.5           | 200                 | 7.41                           |

|                     |                |                |
|---------------------|----------------|----------------|
| Operating Voltage:  | 300V           | core to earth  |
|                     | 500V           | core to core   |
| Temperature rating  | 0°C to +90°C   | (Installation) |
|                     | -40°C to +90°C | (Operational)  |
| Minimum bend radius | 8 x od         |                |