



Ref No: BCS15500UE

### DESCRIPTION

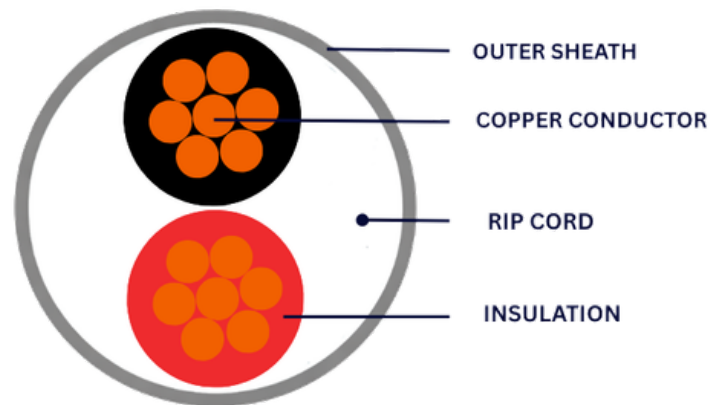
2 Core, 22 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, ensuring stable performance and signal integrity.

### APPLICATION

Multi-conductor cable suitable for building management systems (BMS), instrumentation, security, and audio control/sound system applications.

### CONSTRUCTION

|                        |                                          |
|------------------------|------------------------------------------|
| Cores                  | 2 Cores                                  |
| Section                | 22 AWG                                   |
| Conductor Material     | Stranded Bare Copper (BC)                |
| Diameter Conductor     | 1.2mm                                    |
| Insulation             | Polyethylene (PE)                        |
| Colour                 | Black, Red                               |
| Cabling                | Cores laid by twisting                   |
| Rip Cord               | Nylon Yarn                               |
| Sheath Material        | Flame-Retardant Polyvinyl Chloride (PVC) |
| Sheath Color           | RAL 7001 (Grey)                          |
| Standard Put Up Length | 305, 500 meters                          |



### PHYSICAL & MECHANICAL CHARACTERISTICS

|                                   |                |
|-----------------------------------|----------------|
| Operating Temperature (°C)        | -25°C to +75°C |
| Nominal Cable Weight (kg/km)      | 15.8           |
| Nominal Insulation Thickness (mm) | 0.25           |
| Nominal Sheath Thickness (mm)     | 0.7            |
| Nominal Overall Diameter (mm)     | 3.4            |
| Min. Bend Radius (install) (mm)   | 34             |
| Max. Pull Tension (N)             | 79             |

### ELECTRICAL CHARACTERISTICS

|                                |              |
|--------------------------------|--------------|
| Capacitance Cond. To Cond      | 39 pF/m      |
| DC Resistance per core @ 20°C  | 57.5Ω/km     |
| Max. Recommended Current @25°C | 4.8 (Amps)   |
| Inductance                     | 0.60 μH/m    |
| Operating Voltage              | 300 V (Vrms) |

### TECHNICAL DATA & STANDARD REFERENCES

|                                          |
|------------------------------------------|
| (BS) EN 50290-2                          |
| IEC 60228, IEC 60332-1-2 & IEC 60332-1-3 |
| UL 1581                                  |
| RoHS Directives                          |

### BELFAST ACCREDITED BY :



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Disclaimer: Information is believed to be accurate but may contain errors. Specifications may change without notice.



COMPANY PROFILE