

BCS4204UE

### DESCRIPTION :

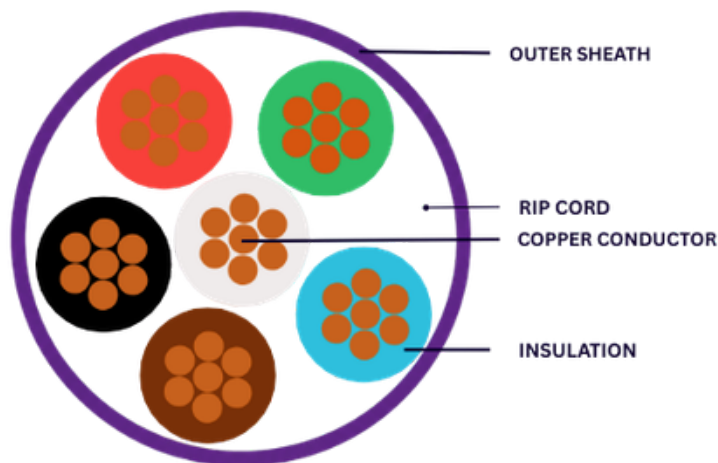
6 Core, 16 AWG multi-conductor cable with Stranded Bare Copper conductors, PE insulation, and Unshielded, LSZH/HFFR sheath for enhanced fire safety, low smoke, and zero halogen emissions.

### APPLICATION :

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

### CONSTRUCTION :

|                        |                                        |
|------------------------|----------------------------------------|
| Cores                  | 6 Core                                 |
| Section                | 16AWG                                  |
| Conductor Material     | Stranded Bare Copper (BC)              |
| Insulation             | Polyethylene (PE)                      |
| Colour                 | Black ,Red , White, Green, Brown, Blue |
| Cabling                | Cores laid by twisting                 |
| Rip Cord               | Nylon Yarn                             |
| Sheath Material        | Low Smoke Zero Halogen (LSZH/ FRNC)    |
| Sheath Color           | RAL 4005 (Purple)                      |
| Standard Put Up Length | 305, 500 meters                        |



### PHYSICAL & MECHANICAL CHARACTERISTICS

|                                   |                |
|-----------------------------------|----------------|
| Operating Temperature (°C)        | -25°C to +75°C |
| Nominal Cable Weight (kg/km)      | 99             |
| Nominal Insulation Thickness (mm) | 0.25           |
| Nominal Sheath Thickness (mm)     | 0.53           |
| Nominal Overall Diameter (mm)     | 6.5            |
| Min. Bend Radius (install) (mm)   | 65             |
| Max. Pull Tension (N)             | 779            |

### TECHNICAL DATA & STANDARD REFERENCES

|                                         |
|-----------------------------------------|
| IEC 60228                               |
| EN 50290-2                              |
| IEC 60332-1, IEC 60754-1/2, IEC 61034-2 |
| UL 1685                                 |
| RoHS Directives                         |

### ELECTRICAL CHARACTERISTICS

|                                  |              |
|----------------------------------|--------------|
| Capacitance Cond. To Cond.       | 49pF/m       |
| DC Resistance Conductor (Ω/km)   | 15.48Ω/km    |
| Max. Recommended Current at 25°C | 4.50(Amps)   |
| Inductance                       | 0.5 μH/m     |
| Operating Voltage                | 300 V (Vrms) |

### BELFAST ACCREDITED BY :



COMPANY PROFILE