



Ref No: BCS15502UE

DESCRIPTION :

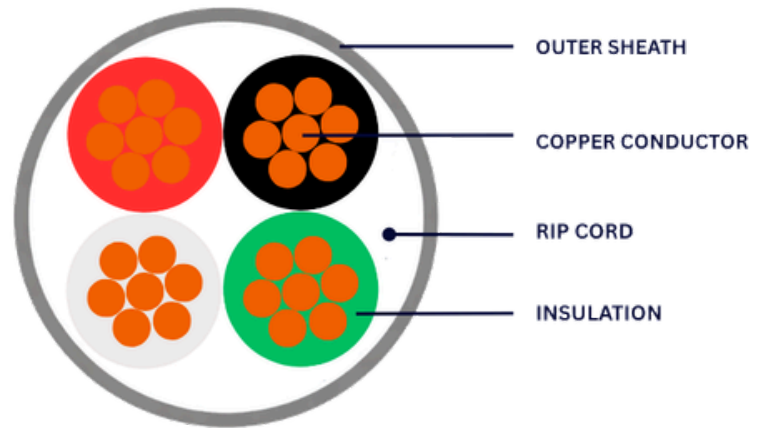
4 Core, 22 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, ensuring stable performance and signal integrity.

APPLICATION :

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

CONSTRUCTION :

Cores	4 Core
Section	22AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green
Cabling	Cores laid by twisting
Rip Cord	Nylon Yarn
Sheath Material	Flame-Retardant Polyvinyl Chloride (PVC)
Sheath Color	Grey (RAL 7001)
Standard Put Up Length	305, 500 meters



PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-25°C to +75°C
Nominal Cable Weight (kg/km)	27
Nominal Insulation Thickness (mm)	0.30
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	4.2
Min. Bend Radius (install) (mm)	40
Max. Pull Tension (N)	189

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	36pF/m
DC Resistance Conductor (Ω /km)	57.5 Ω /km
Max. Recommended Current at 25°C	2.3 (Amps)
Inductance	0.50 μ H/m
Operating Voltage	300 V (Vrms)

BELFAST ACCREDITED BY :

