



Ref No: BCS15200UE

DESCRIPTION

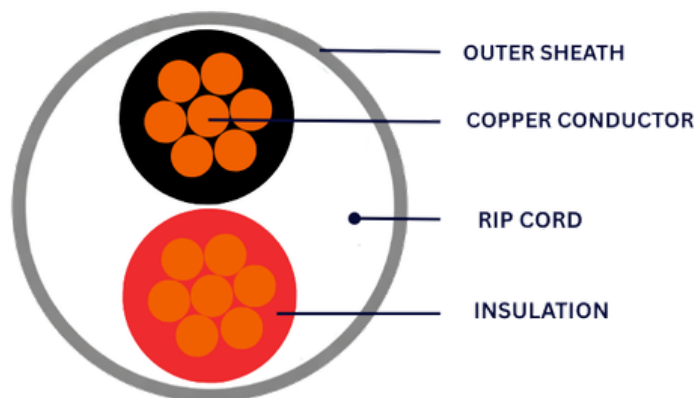
2 Core, 16 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, ensuring stable performance and signal integrity.

APPLICATION

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

CONSTRUCTION

Cores	2 Cores
Section	16 AWG
Conductor Material	Stranded Bare Copper (BC)
Diameter Conductor	1.4mm
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)	38
Nominal Insulation Thickness (mm)	0.4
Nominal Sheath Thickness (mm)	0.60
Nominal Overall Diameter (mm)	5.2
Min. Bend Radius (install) (mm)	47
Max. Pull Tension (N)	260

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond	55 pF/m
DC Resistance per core @ 20°C	15.48 Ω/km
Insulation Resistance	100 MΩ/km (min)
Inductance	0.78 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