



Ref No: BCS15300UE

DESCRIPTION :

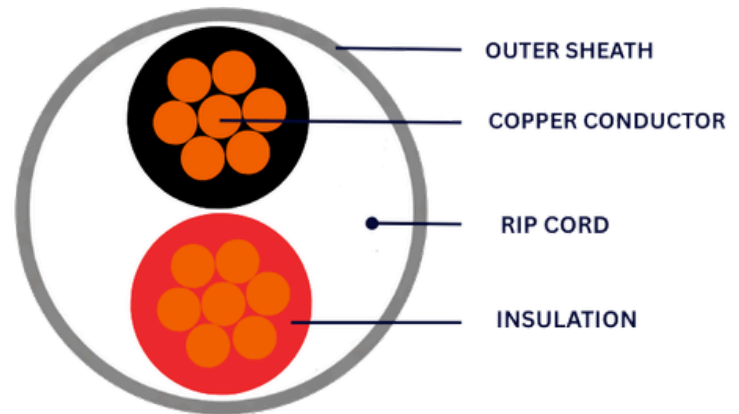
2 Core, 18 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, designed for consistent performance and reliable signal transmission.

APPLICATION :

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

CONSTRUCTION :

Cores	2 Core
Section	18 AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red
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)	28
Nominal Insulation Thickness (mm)	0.22
Nominal Sheath Thickness (mm)	0.7
Nominal Overall Diameter (mm)	4.5
Min. Bend Radius (install) (mm)	40
Max. Pull Tension (N)	189

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	53pF/m
DC Resistance Conductor (Ω/km)	22.8 (Max)
Max. Recommended Current at 25°C	5 (Amps)
Inductance	0.50 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