

BCS15003UE

DESCRIPTION

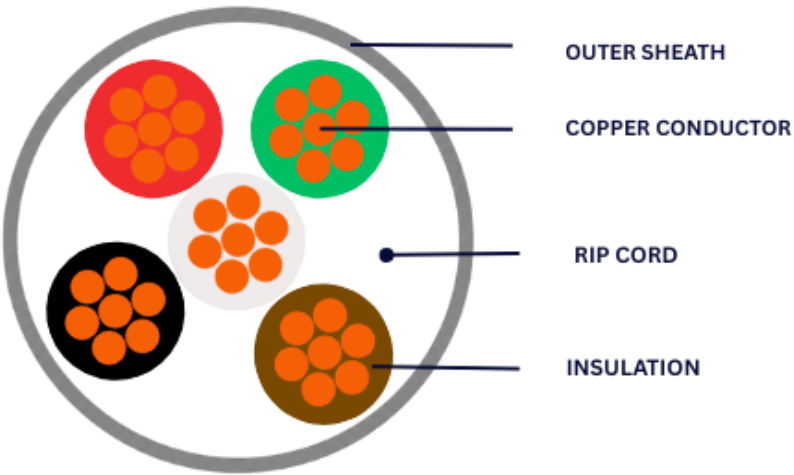
5 Core, 12 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, ensuring stable performance and signal integrity.

APPLICATION

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

CONSTRUCTION

Cores	5 Core
Section	12 AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green Brown,
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)	178
Nominal Insulation Thickness (mm)	0.4
Nominal Sheath Thickness (mm)	0.48
Nominal Overall Diameter (mm)	8.9
Min. Bend Radius (install) (mm)	89
Max. Pull Tension (N)	1692

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond	59 pF/m
DC Resistance per core @ 20°C	5.63 Ω/km
Recommended Current at 25°C	8.5 (Amps)
Inductance	0.5μH/m
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

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

BELFAST ACCREDITED BY:

