



BCS15308FE

DESCRIPTION :

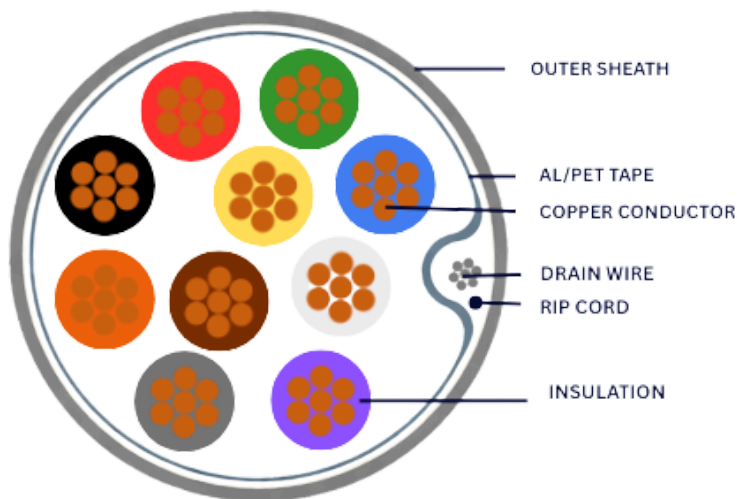
10 Core, 18 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, ensuring stable performance and signal integrity.

APPLICATION :

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

CONSTRUCTION :

Cores	10 Core
Section	18AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Grey
Cabling	Cores laid by twisting
Screen (100% Coverage)	Aluminium/Polyester
Drain Wire	Stranded Tinned Copper Wire
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)	105
Nominal Insulation Thickness (mm)	0.3
Nominal Sheath Thickness (mm)	0.4
Nominal Overall Diameter (mm)	7.8
Min. Bend Radius (install) (mm)	78
Max. Pull Tension (N)	1000

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	74pF/m
Capacitance Cond. To Screen.	139pF/m
DC Resistance Conductor (Ω /km)	22.8 Ω /km
DC Resistance Screen (Ω /km)	78.6 Ω /km
Max. Recom. Current @ 25°C	3.8 (Amps)
Inductance	0.5 μ H/m
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

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

BELFAST ACCREDITED BY :



www.belfastcables.co.uk | info@belfastcables.co.uk

Belfast Cables UK Solutions Ltd | 71-75, Shelton Street Covent Garden, London WC2H 9JQ, United Kingdom

Disclaimer: Information is believed to be accurate but may contain errors. Specifications may change without notice.



COMPANY PROFILE