



BCS152010FE

DESCRIPTION :

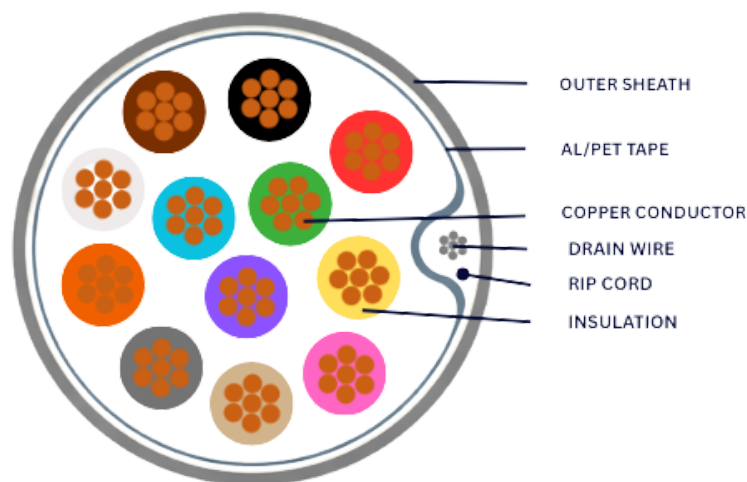
12 Core, 16 AWG Multi Conductor cable with Stranded Bare Copper (BC) conductors, PE insulation, overall shielding, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	12 Core
Section	16AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Grey, Pink, Tan
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)	168
Nominal Insulation Thickness (mm)	0.3
Nominal Sheath Thickness (mm)	0.6
Nominal Overall Diameter (mm)	8.9
Min. Bend Radius (install) (mm)	89
Max. Pull Tension (N)	1562

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	70pF/m
Capacitance Cond. To Screen.	150pF/m
DC Resistance Conductor (Ω /km)	15.47 Ω /km
DC Resistance Screen (Ω /km)	78.5 Ω /km
Max. Recom. Current @ 25°C	4.35 (Amps)
Inductance	0.5 μ H/m
Operating Voltage	300 V (Vrms)

BELFAST ACCREDITED BY:



COMPANY PROFILE