

Ref No: BCS15304FE

DESCRIPTION :

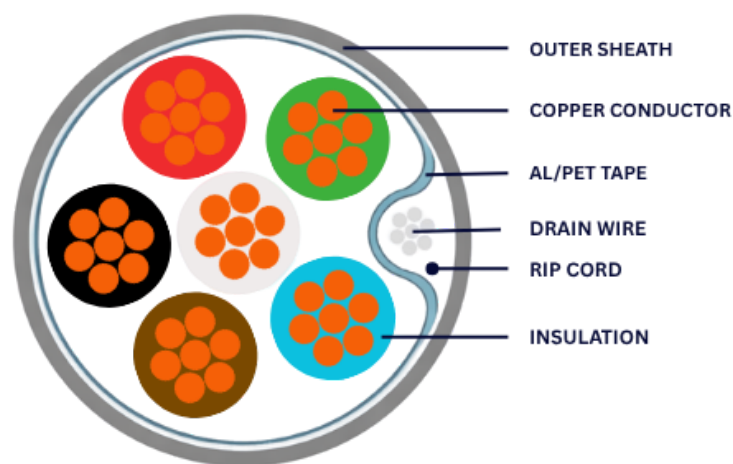
6 Core, 18 AWG Multi Conductor cable with Stranded Bare Copper (BC) conductors, PE insulation, Overall Shielded, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	6 Core
Section	18 AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green, Brown, Blue
Cabling	Cores Laid By Twisting
Screen (100% Coverage)	Aluminium/Polyester
Drain Wire	Stranded Tinned Copper Wire
Rip Cord	Nylon Yarn
Sheath Material	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)	72
Nominal Sheath Thickness (mm)	0.5
Nominal Insulation Thickness (mm)	0.3
Nominal Overall Diameter (mm)	6.2
Min. Bend Radius (install) (mm)	60
Max. Pull Tension (N)	599

TECHNICAL DATA & STANDARD REFERENCES

(BS) EN 50290-2
IEC 60754-1 & 2, IEC 60228
IEC 61034, IEC 60332-3-24
UL 1685
RoHS Directives

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	76pF/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
Recommended Current at 25°C	3.8 (Amps)
Nominal Inductance	0.5 (μ H/m)
Operating Voltage	300 V (Vrms)

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