

BCS18770

DESCRIPTION :

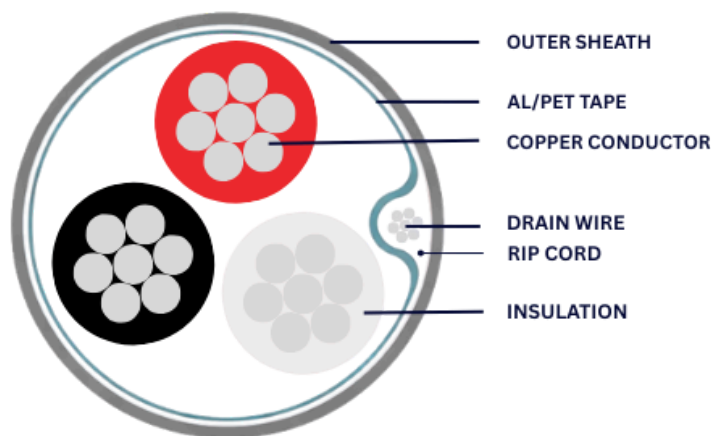
3 Core, 18AWG Multi Conductor cable with Stranded Tinned Copper (TC) conductors, PE insulation, Overall Shielded, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	3 Cores
Section	18 AWG
Conductor Material	Stranded Tinned Copper
Insulation	Polyethylene (PE)
Colour	Black, Red, White
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	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)	57
Nominal Insulation Thickness (mm)	0.47
Nominal Sheath Thickness (mm)	0.8
Nominal Overall Diameter (mm)	6.4
Min. Bend Radius (install) (mm)	64
Max. Pull Tension (N)	219

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	76 pF/m
Capacitance Cond. To Screen.	152 pF/m
DC Resistance Conductor (Ω /km)	22.8 Ω /km
DC Resistance Screen (Ω /km)	78.6 Ω /km
Recommended Current at 25°C	5.4 (Amps)
Inductance	0.50 μ H/m
Operating Voltage	300 V (Vrms)

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