



Ref No: BCS18760

DESCRIPTION :

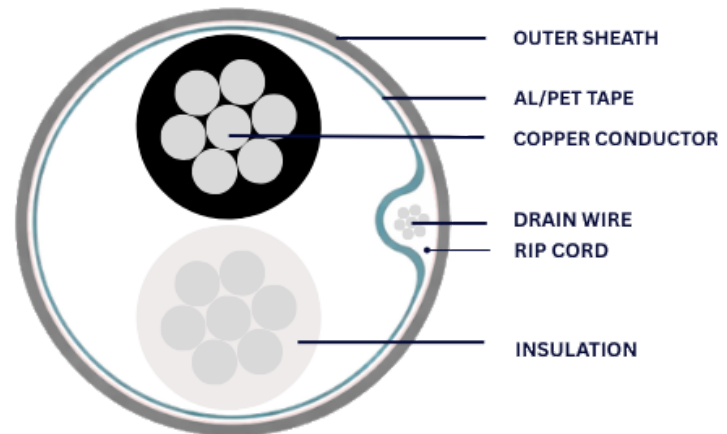
1 Pair, 18 AWG with stranded Tinned Copper (TC) conductors, PE insulation, and overall Shielding, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

Suitable for Audio Control, Instrumentation applications, BMS, BACnet, Modbus, Intercom/PA Systems, Panel wiring, Digital control circuits, Sound systems in commercial and industrial installations.

CONSTRUCTION :

Cores	1 Pair (2 Core)
Section	18 AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene (PE)
Colour	Black, White
Pair	2 Cores twisted to a pair
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
Standard Put Up Length	305, 500 meters



PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-25°C to +75°C
Nominal Cable Weight (kg/km)	40
Nominal Insulation Thickness (mm)	0.4
Nominal Sheath Thickness (mm)	0.6
Nominal Overall Diameter (mm)	5.5
Min. Bend Radius (install) (mm)	60
Max. Pull Tension (N)	202

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond	76 pF/m
Capacitance Cond. To Screen.	121 pF/m
DC Resistance per core @ 20°C	21.6Ω/km
Nominal Impedance (Ω)	62
Inductance	0.6 μH/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