



Ref No: BCS18471

DESCRIPTION :

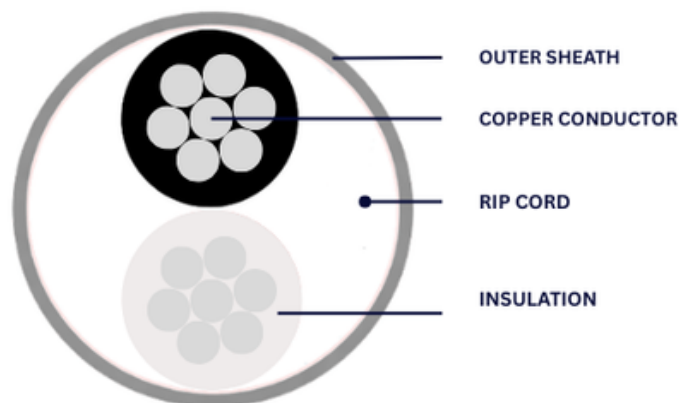
1 Pair, 16 AWG Stranded Tinned Copper (TC) Conductors with PE Insulation, Unshielded Construction, and PVC Sheath, providing reliable signal integrity and consistent performance in control and communication systems.

APPLICATION :

Suitable for Instrumentation, Control applications, BMS, Data LAN, M-Bus and Pulse Bus metering systems, Digital control circuits, Audio control and Sound systems in commercial and Industrial installations.

CONSTRUCTION :

Cores	1 Pair
Section	16 AWG
Conductor Material	Multistranded Tinner Copper Wire (TC)
Insulation	Polyethylene (PE)
Pair	2 Cores twisted to a pair
Colour	Black, White
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)	59
Nominal Insulation Thickness (mm)	0.5
Nominal Sheath Thickness (mm)	0.7
Nominal Overall Diameter (mm)	6.50
Min. Bend Radius (install) (mm)	78
Max. Pull Tension (N)	272

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond	56pF/m
DC Resistance per core @ 20°C	15.49Ω/km
Max. Recommended Current @25°C	7.2
Inductance	0.5 μH/m
Operating Voltage	300V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

(BS) EN 50290-2
IEC 60332-1
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