



Ref No: BCS18471NH

DESCRIPTION :

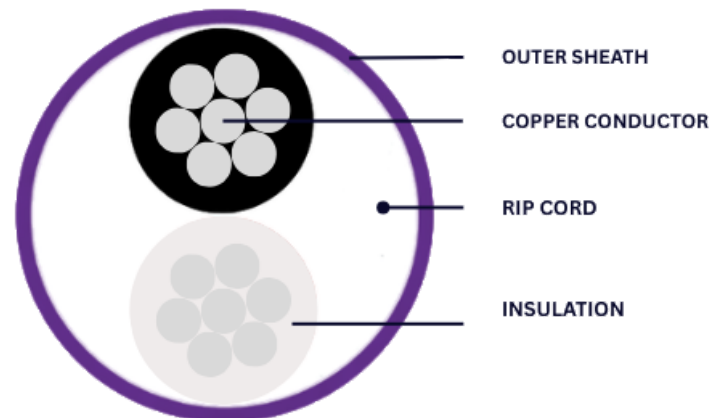
1 Pair 16AWG stranded Tinned copper conductors with LSZH, Unshielded and stable signal transmission, reduced electromagnetic interference, reliable performance for both residential and commercial installations.

APPLICATION :

Single Pair LSZH Unshielded Cables Suitable for Instrumentation, BMS , Control, Security & Audio Cables

CONSTRUCTION :

Cores	1-Pair
Section	16AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene (PE)
Colour	Black, White
Pair	2 Cores twisted to a pair
Rip Cord	Nylon Yarn
Sheath Material	Low Smoke Zero Halogen (LSZH/ FRNC)
Sheath Color	Purple (RAL 4005)
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 Insulation Thickness (mm)	0.7
Nominal Sheath Thickness (mm)	0.7
Nominal Overall Diameter (mm)	6.9
Min. Bend Radius (install) (mm)	78
Max. Pull Tension (N)	269

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	49pF/m
DC Resistance Conductor (Ω/km)	15.48Ω/km
Recommended Current at 25°C	7.2 (Amps)
Operating Voltage	600 V (Vrms)

BELFAST ACCREDITED BY :



COMPANY PROFILE