



Ref No: BCS18760NH

DESCRIPTION :

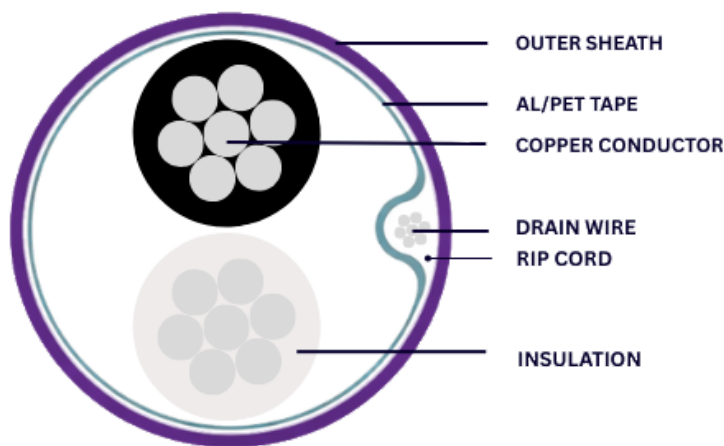
1 Pair 18AWG stranded Tinned copper conductors with LSZH, Shielded and stable signal transmission, reduced electromagnetic interference, reliable performance for both residential and commercial installations.

APPLICATION :

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

CONSTRUCTION :

Cores	1-Pair
Section	18AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene (PE)
Pair	2 Cores twisted to a pair
Colour	Black, White
Screen (100% Coverage)	Aluminium/ Polyester
Drain Wire	Stranded Tinned Copper wire
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)	50
Nominal Insulation Thickness (mm)	0.27
Nominal Sheath Thickness (mm)	0.9
Nominal Overall Diameter (mm)	5.9
Min. Bend Radius (install) (mm)	62
Max. Pull Tension (N)	199

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	119pF/m
Capacitance Cond. To Screen.	251pF/m
DC Resistance Conductor (Ω/km)	22.8Ω/km
DC Resistance Screen (Ω/km)	78.6Ω/km
Nominal Inductance	0.5 (μH/m)
Recommended Current at 25°C	5.3 (Amps)
Operating Voltage	300 V (Vrms)

BELFAST ACCREDITED BY :

