



BCS18723NH

DESCRIPTION :

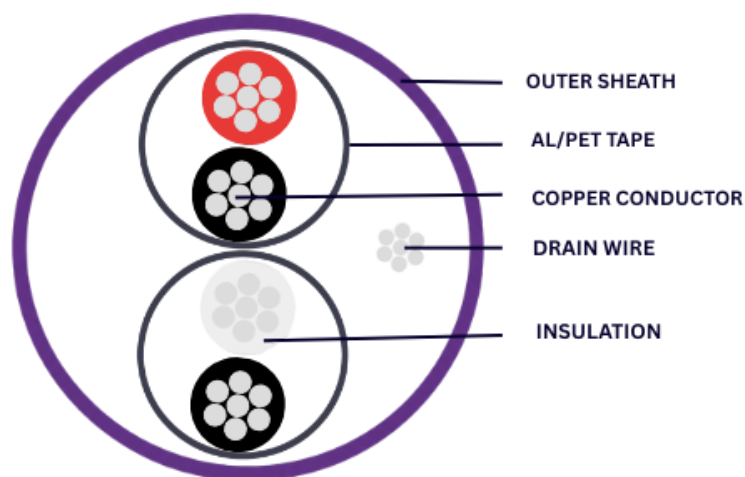
2 Pair 22 AWG stranded tinned copper conductors with LSZH insulation, individual shielding pair cable and an LSZH/HFFR outer sheath. Designed for stable performance in residential and commercial installations.

APPLICATION :

Individually Pair-Shielded LSZH Cable Suitable for Instrumentation, Control, Security and Audio Applications

CONSTRUCTION :

Cores	2-Pair
Section	22 AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene - PE
Pair	2 Cores twisted to a pair
Colour	Black-Red, Black-White
Screen (100% Coverage)	Each Pair Individual Aluminium/Polyester
Drain Wire	Stranded Tinned Copper Wire
Sheath Material	Low Smoke Zero Halogen (LSZH/ FRNC)
Sheath Color	RAL 4005 (Purple)
Standard Put Up Length	305, 500 meters



PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-25°C to +75°C
Nominal Cable Weight (kg/km)	60
Nominal Sheath Thickness (mm)	0.9
Nominal Insulation Thickness (mm)	0.27
Nominal Overall Diameter (mm)	7.0
Min. Bend Radius (install) (mm)	66
Max. Pull Tension (N)	186

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	169pF/m
Capacitance Cond. To Screen.	319pF/m
DC Resistance Conductor (Ω/km)	57.6Ω/km
DC Resistance Screen (Ω/km)	78.5Ω/km
Recommended Current at 25°C	2.5 (Amps)
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

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

BELFAST ACCREDITED BY :

