

DESCRIPTION :

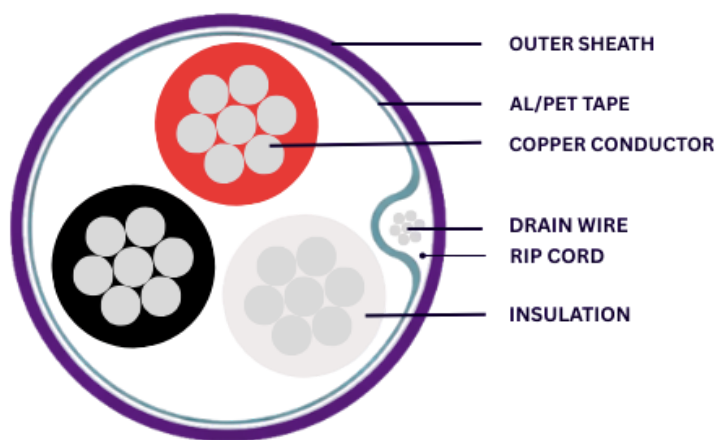
3 core 18AWG stranded Tinned copper conductors with LSZH, Shielded and stable signal transmission, reduced electromagnetic interference, reliable performance for both residential and commercial installations.

APPLICATION :

Multi Core LSZH Shielded Cables Suitable for Instrumentation, BMS , Control, Security & Audio Cables

CONSTRUCTION :

Cores	3 Core
Section	18AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White
Cabling	Cores laid by twisting
Screen (100% Coverage)	Aluminium/Polyester
Drain Wire	Stranded Tinned Copper Wire
Rip Cord	Nylon Yarn
Sheath Material	Low Smoke Zero Halogen (LSZH/ HFFR)
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)	58
Nominal Insulation Thickness (mm)	0.48
Nominal Sheath Thickness (mm)	0.8
Nominal Overall Diameter (mm)	6.4
Min. Bend Radius (install) (mm)	64
Max. Pull Tension (N)	219

TECHNICAL DATA & STANDARD REFERENCES

IEC 60228
EN 50290-2
IEC 60332-1, IEC 60754-1/2, IEC 61034-2
UL 1685
RoHS Directives

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	79pF/m
Capacitance Cond. To Screen.	149 pF/m
DC Resistance Conductor (Ω/km)	22.8Ω/km
DC Resistance Screen (Ω/km)	78.6Ω/km
Max. Recommended Current at 25°C	5.4 (Amps)
Inductance	0.5 μH/m
Operating Voltage	300 V (Vrms)

BELFAST ACCREDITED BY:

