



BCS19740

DESCRIPTION :

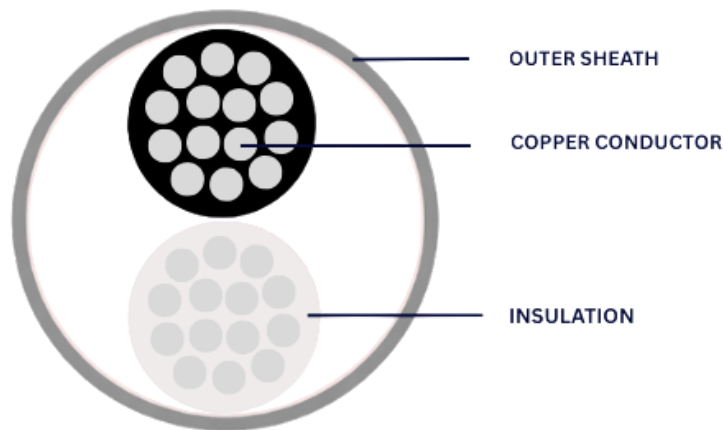
1 Pair 18AWG stranded Tinned copper conductors with PVC insulation, Unshielded and stable signal transmission, reduced electromagnetic interference, reliable performance for both residential and commercial installations.

APPLICATION :

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

CONSTRUCTION :

Cores	1 Pair
Section	18 AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene (PE)
Pair	2 Cores twisted to a pair
Colour	Black, White
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)	39
Nominal Insulation Thickness (mm)	0.6
Nominal Sheath Thickness (mm)	0.8
Nominal Overall Diameter (mm)	5.78
Min. Bend Radius (install) (mm)	60
Max. Pull Tension (N)	199

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond	59pF/m
DC Resistance per core @ 20°C	22.8Ω/km
Max. Recommended Current @25°C	5.3 (Amps)
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 :

