



BCS18305

DESCRIPTION :

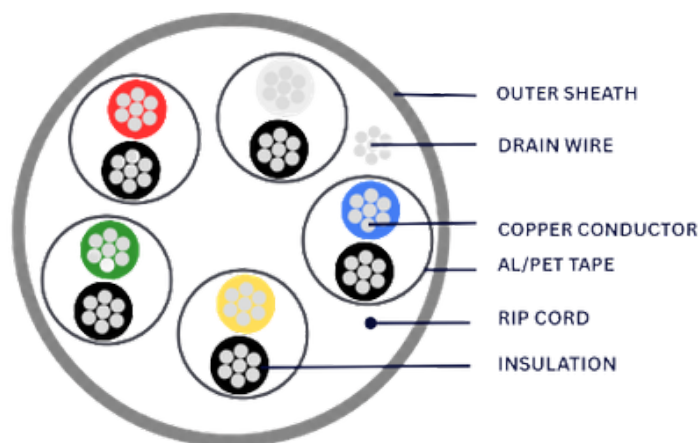
5 Pair 22AWG stranded Tinned copper conductors with PVC insulation, individual pair shielding and stable signal transmission, reduced electromagnetic interference, reliable performance for both residential and commercial installations.

APPLICATION :

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

CONSTRUCTION :

Cores	5-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, Black-Green, Black-Blue, Black-Yellow
Screen (100% Coverage)	Each Pair Individual Aluminium/Polyester
Drain Wire	Stranded Tinned Copper Wire
Rip Cord	Nylon Yarn
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)	75
Nominal Sheath Thickness (mm)	0.5
Nominal Insulation Thickness (mm)	0.3
Nominal Overall Diameter (mm)	7.8
Min. Bend Radius (install) (mm)	78
Max. Pull Tension (N)	399

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	100pF/m
Capacitance Cond. To Screen.	179pF/m
DC Resistance Conductor (Ω /km)	57.5 Ω /km
DC Resistance Screen (Ω /km)	78.8 Ω /km
Nominal Inductance	0.6 (μ H/m)
Recommended Current at 25°C	2.0 (Amps)
Operating Voltage	600 V (Vrms)

BELFAST ACCREDITED BY :

