

BCS18777

DESCRIPTION :

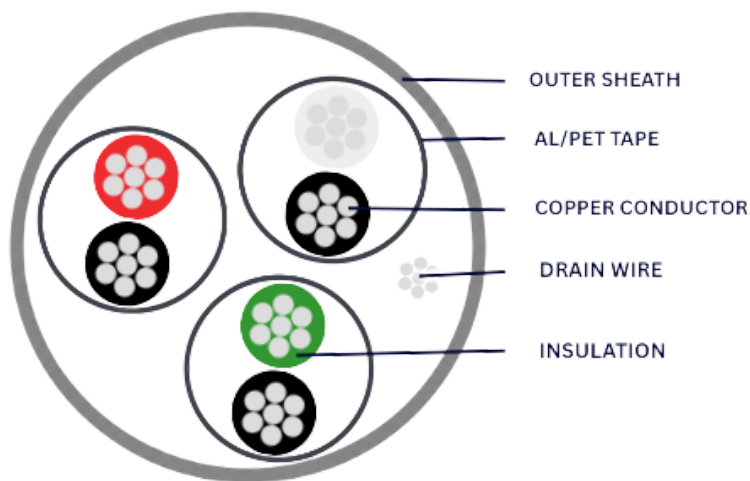
3 Pair 22AWG stranded Tinned copper conductors with PVC insulation, individual pair shielding and stable signal transmission, reduced electromagnetic interference, reliable performance for both residential and commercial installations.

APPLICATION :

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

CONSTRUCTION :

Cores	3-Pair
Section	22 AWG
Conductor Material	Stranded Tinned Copper (TC)
Insulation	Polyethylene - PE
Pair	2 Cores twisted to a pair
Colour	Black-Red, Black-Green, Black-White
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)	50
Nominal Sheath Thickness (mm)	0.5
Nominal Insulation Thickness (mm)	0.3
Nominal Overall Diameter (mm)	6.2
Min. Bend Radius (install) (mm)	66
Max. Pull Tension (N)	239

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	99pF/m
Capacitance Cond. To Screen.	179pF/m
DC Resistance Conductor (Ω/km)	57.5Ω/km
DC Resistance Screen (Ω/km)	78.8Ω/km
Recommended Current at 25°C	2.3 (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 :

