

BCS19505

DESCRIPTION :

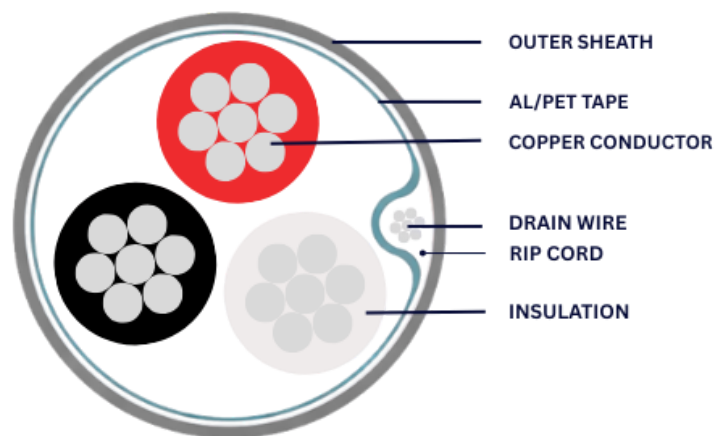
3 Core, 22 AWG Multi Conductor cable with Stranded Tinned Copper (TC) conductors, PE insulation, Overall Shielded, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

Multi-conductor cable suitable for building management systems (BMS), instrumentation, security, and audio control/sound system applications.

CONSTRUCTION :

Cores	3 Cores
Section	22 AWG
Conductor Material	Stranded Tinned Copper
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	Flame-Retardant Polyvinyl Chloride (PVC)
Sheath Color	RAL 7001 (Grey)
Standard Put Up Length	305, 500 meters



PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-25°C to +75°C
Nominal Cable Weight (kg/km)	34
Nominal Insulation Thickness (mm)	0.40
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	4.8
Min. Bend Radius (install) (mm)	48
Max. Pull Tension (N)	112

TECHNICAL DATA & STANDARD REFERENCES

(BS) EN 50290-2
IEC 60332-1-2 & IEC 60332-1-3
IEC 60228
RoHS Directives

ELECTRICAL CHARACTERISTICS :

Capacitance Cond. To Cond	74 pF/m
Capacitance Cond. To Screen.	149 pF/m
DC Resistance Conductor (Ω /km)	57.5 Ω /km
DC Resistance Screen (Ω /km)	78.5 Ω /km
Recommended Current at 25°C	3.0 (Amps)
Inductance	0.50 μ H/m
Operating Voltage	300 V (Vrms)

BELFAST ACCREDITED BY :

