



Ref No: BCS15501FE

DESCRIPTION :

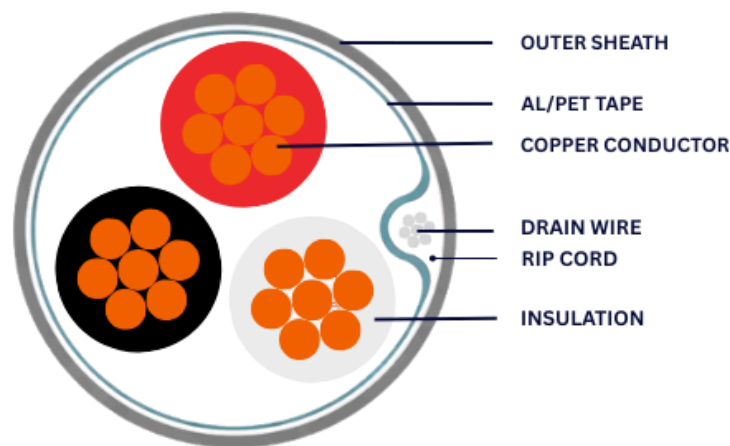
3 Core, 22 AWG Multi Conductor cable with Stranded Bare Copper (BC) conductors, PE insulation, Overall Shielded, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	3 Core
Section	22AWG
Conductor Material	Stranded Bare Copper (BC)
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	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)	19
Nominal Insulation Thickness (mm)	0.19
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	3.92
Min. Bend Radius (install) (mm)	36
Max. Pull Tension (N)	122

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	77 pF/m
Capacitance Cond. To Screen.	142 pF/m
DC Resistance per core @ 20°C	57.5Ω/km
Max. Recommended Current @25°C	2.9
Max. DC Resistance Screen (Ω/km)	74
Inductance	0.50 μH/m
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

(BS) EN 50290-2
IEC 60228, IEC 60332-1-2 & IEC 60332-1-3
UL 1581
RoHS Directives

BELFAST ACCREDITED BY :



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Disclaimer: Information is believed to be accurate but may contain errors. Specifications may change without notice.



COMPANY PROFILE