



Ref No: BCS15502FE

DESCRIPTION :

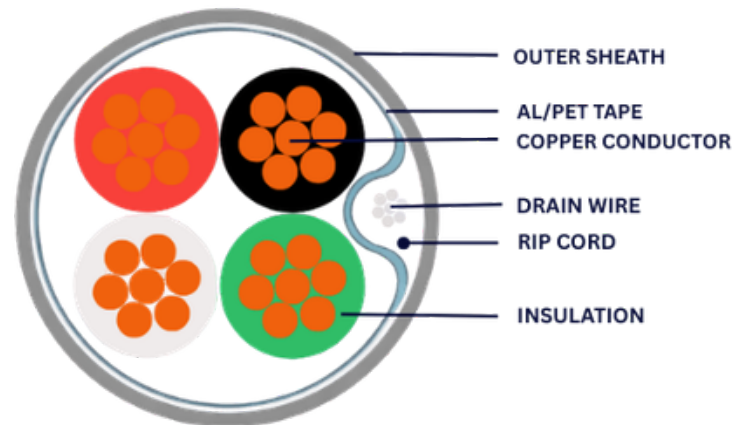
4 Core, 22 AWG Multi Conductor cable with Stranded Bare Copper (BC) conductors, PE insulation, overall shielding, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	4 Core
Section	22AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green
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)	28
Nominal Insulation Thickness (mm)	0.22
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	4.5
Min. Bend Radius (install) (mm)	40
Max. Pull Tension (N)	189

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	69pF/m
Capacitance Cond. To Screen.	130pF/m
DC Resistance Conductor (Ω/km)	57.5Ω/km
DC Resistance Screen (Ω/km)	78.7Ω/km
Max. Recommended Current at 25°C	2.3 (Amps)
Inductance	0.50 μH/m
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

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