



DESCRIPTION :

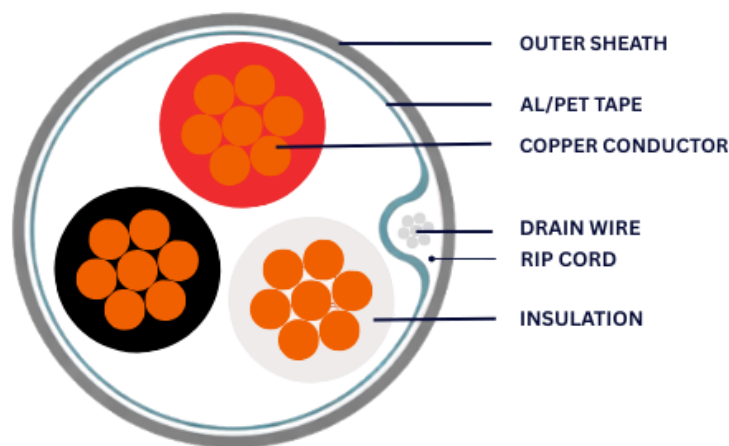
3 Core, 14 AWG Multi Conductor cable with Stranded Bare Copper (BC) conductors, PE insulation, overall shielding, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	3 Core
Section	14AWG
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	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)	84
Nominal Insulation Thickness (mm)	0.2
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	6.7
Min. Bend Radius (install) (mm)	66
Max. Pull Tension (N)	634

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	99 pF/m
Capacitance Cond. To Screen.	191 pF/m
DC Resistance per core @ 20°C	9.38Ω/km
DC Resistance Screen	78.6Ω/km
Max. Recommended Current at 25°C	8 (Amps)
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 :

