



DESCRIPTION :

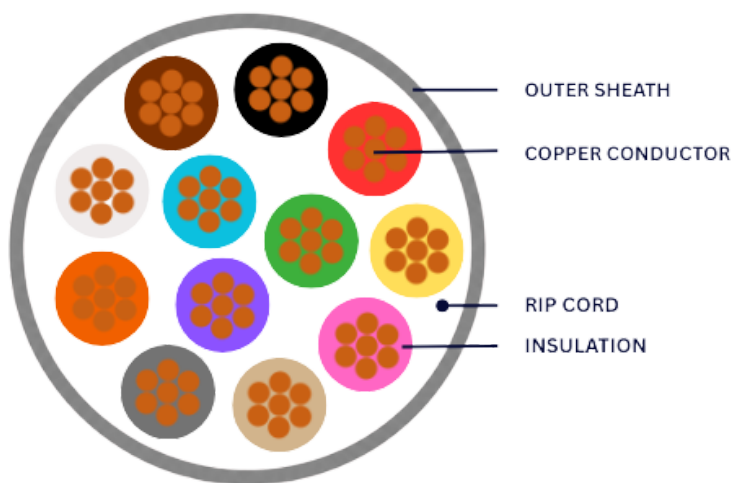
12 Core, 16 AWG Multi-Conductor Cable with Stranded Bare Copper (BC) Conductors, PE Insulation, Unshielded Construction, and PVC Sheath, ensuring stable performance and signal integrity.

APPLICATION :

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

CONSTRUCTION :

Cores	12 Core
Section	16AWG
Conductor Material	Stranded Bare Copper (BC)
Insulation	Polyethylene (PE)
Colour	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Grey Pink, Tan
Cabling	Cores laid by twisting
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)	163
Nominal Insulation Thickness (mm)	0.4
Nominal Sheath Thickness (mm)	0.6
Nominal Overall Diameter (mm)	8.9
Min. Bend Radius (install) (mm)	89
Max. Pull Tension (N)	1562

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond.	47 pF/m
DC Resistance per core @ 20°C	15.78Ω/km
Max. Recommended Current at 25°C	4.50 (Amps)
Inductance	0.5 μH/m
Operating Voltage	300 V (Vrms)

TECHNICAL DATA & STANDARD REFERENCES

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

BELFAST ACCREDITED BY :

