



DESCRIPTION

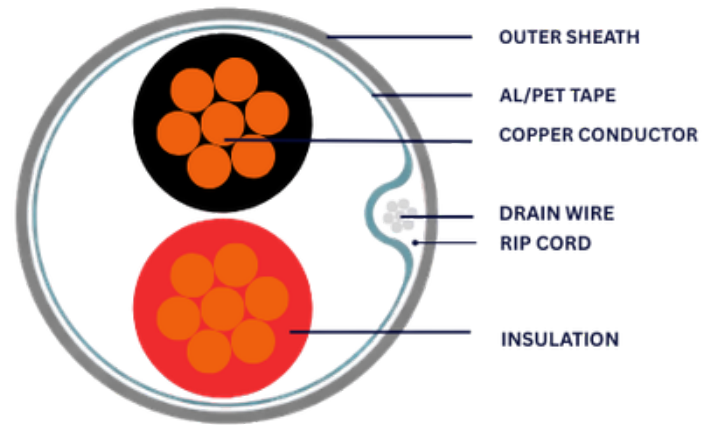
2 Core, 22 AWG Multi Conductor cable with Stranded Bare Copper (BC) conductors, PE insulation, Overall Shielded, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION

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

CONSTRUCTION

Cores	2 Cores
Section	22 AWG
Conductor Material	Stranded Bare Copper (BC)
Diameter Conductor	1.2mm
Insulation	Polyethylene (PE)
Colour	Black, Red
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)	20
Nominal Insulation Thickness (mm)	0.25
Nominal Sheath Thickness (mm)	0.7
Nominal Overall Diameter (mm)	3.8
Min. Bend Radius (install) (mm)	38
Max. Pull Tension (N)	79

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS

Capacitance Cond. To Cond	77 pF/m
Capacitance Cond. To Screen.	149 pF/m
DC Resistance per core @ 20°C	57.5Ω/km
Max. Recommended Current @25°C	4.8 (Amps)
Inductance	0.60 μH/m
Operating Voltage	300 V (Vrms)

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