

BCS18772

DESCRIPTION :

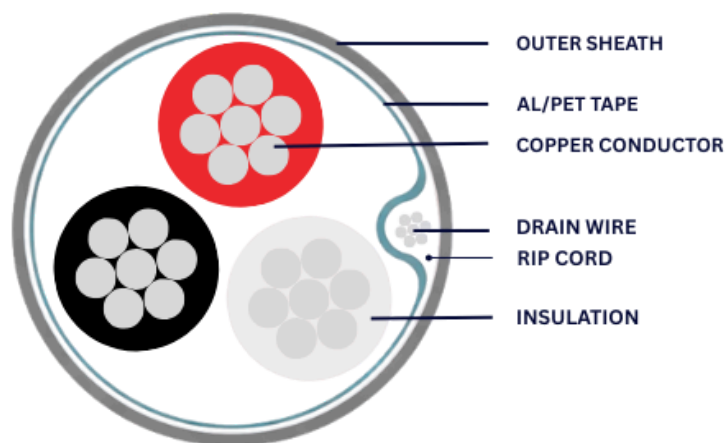
3 Core, 20AWG Multi Conductor cable with Tinned Bare Copper (TC) conductors, PE insulation, Overall Shielded, PVC sheath for consistent performance, signal integrity, and EMI protection.

APPLICATION :

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

CONSTRUCTION :

Cores	3 Cores
Section	20 AWG
Conductor Material	Stranded Tinned Copper
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)	40
Nominal Insulation Thickness (mm)	0.42
Nominal Sheath Thickness (mm)	0.5
Nominal Overall Diameter (mm)	5.3
Min. Bend Radius (install) (mm)	53
Max. Pull Tension (N)	149

TECHNICAL DATA & STANDARD REFERENCES

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

ELECTRICAL CHARACTERISTICS :

Capacitance Cond. To Cond	74 pF/m
Capacitance Cond. To Screen.	149 pF/m
DC Resistance Conductor (Ω /km)	35.78 Ω /km
DC Resistance Screen (Ω /km)	78.6 Ω /km
Recommended Current at 25°C	4.5(Amps)
Inductance	0.50 μ H/m
Operating Voltage	300 V (Vrms)

BELFAST ACCREDITED BY :



www.belfastcables.co.uk | info@belfastcables.co.uk

Belfast Cables UK Solutions Ltd | 71-75, Shelton Street Covent Garden, London WC2H 9JQ, United Kingdom

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



COMPANY PROFILE