

Applications

Screened cable
Suitable for Audio, Control
And Instrumentation

Sector - BT BMS-TEC™

Audio, Control & Instrumentation

Standard References

(BS) EN 50290-2
IEC 60332-1
RoHS directives

Design

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|--|---|
| <ol style="list-style-type: none"> 1. Conductor
3 x Tinned Copper wire,
twisted 2. Insulation
Polyethylene
Core 1: Black
Core 2: Red
Core 3: Clear 3. Drain wire
Tinned Copper wire,
24AWG (7x32) | <ol style="list-style-type: none"> 4. Screen
Aluminium/Polyester Foil
100% coverage 5. Sheath Material
Flame Retardant Polyvinyl
Chloride (PVC)
Standard colour: Grey |
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Standard Put Up Length

305 metres

Cable Characteristics

BTCL P/N	No Cores	Conductor Size (AWG)	Stranded Diameter (mm)	Nominal Diameter Insulation (mm)	Radial thickness Sheath (mm)	Nom. Overall Diameter (mm)
C1215	3	22(7x30)	0.75	1.6	0.6	4.9
C1245	3	20 (7x28)	0.96	1.8	0.6	5.2
C1225	3	18 (16x30)	1.2	2.15	0.7	6.2

BTCL P/N	Max. Conductor Resistance (Ohm/km)	Capacitance cond to cond (pF/m)	Capacitance Cond to rest (pF/m)	Max. Current at 25°C (Amps)	Min. Insulation Resistance (MOhm*km)	Operating Voltage (Vrms)
C1215	57.4	76	135	2.9	200	300
C1245	35.75	88	176	4	200	300
C1225	22.7	75	130	5.3	200	300

BTCL P/N	Weight (kg/km)	Max. Pulling Tension (Newton)	Min. Installed Bend Radius (mm)	Operating Temperature Range
c1215	31.6	110	50	-25°C to +75°C
C1245	38.7	150	55	-25°C to +75°C
C1225	56.2	220	65	-25°C to +75°C