DATA, AUDIO & COMMUNICATION CABLES

FT81 SERIES

High Performance BMS/Control
Overall Foil Screened Tinned Cable
110VAC 90°C

APPLICATIONS:

BMS Used for building management systems and cabling for HVAC controls.
Audio Oxygen free copper for audio applications, PA systems and security gate intercoms.

PRODUCT FEATURES:

▶ Fine stranded tinned copper conductor
▶ UV stabilised
▶ Flame retardant
▶ Heat, oil and chemical resistant *(See Technical Section)*

CONSTRUCTION:

Conductor Annealed tinned copper stranded (Class 2).
Insulation PE Polyethylene.
Screening Collective shield of aluminium/polyester foil complete with tinned copper drain wire.
Sheath SPVC 5V-90.

CHARACTERISTICS:

Operating Temperature Range Fixed -20°C to 75°C.
Maximum Conductor Temperature 75°C.
Rated Voltage 110V RMS.
Minimum Bending Radius Fixed 7.5 x cable diameter.
Sheath Colour Black.
Standard Core Colour
1 Pair - Black & Natural.
1 Triple - Black, Red & Natural.
Relevant Standards AS/NZS 3808, AS/NZS 3008, IEC 60332-1-2, *RoHS* Compliant.

Electrical Characteristics		
Property	Value	Unit
DC Conductor Resistance @ 20°C	2.57	Ω/100m
Capacitance between wires of a pair/triple	79	pF/m
Minimum Insulation Resistance @ 20°C	500	M Ω/100m

Code	No. of Cores x Size (mm²)	Approx. Stranding No. of wires x mm²	Approx. Overall Diameter (mm)	Approx. Weight (Kg/Km)
FT8101CSBMS	1 pair 0.81	16/0.25	5.6	46
FT8103CSBMS	1 triple 0.81	16/0.25	6.4	65