

Description & Application

CAT5e-CCAM-PE Ever popular, multi-pair networking cable, consisting of 4 'unshielded' twisted pair, Solid (CCAM) Copper Coated Aluminium & Magnesium conductors, 0.48mm (24AWG) with PE weather and corrosion resistant 'Duct Grade' outer jacket in Black. Used in a multitude of general networking applications, analogue CCTV Video, Audio transmission, Voice over I.P and will support high speed Gigabit Ethernet at a frequency range up to 100Mhz for restricted cable runs.

CCAM provides enhanced durability and electrical performance characteristics when compared to cheaper CCA cables yet affords a considerable cost saving when compared to Bare Copper cable alternatives.

Supplied on 305M (1000ft) Roll, housed within an 'easy pull' outer Box.

Specifications

Product Ref: CAT5e-CCAM-PE

Conductor : Solid CCAM (Copper Coated Aluminium & Magnesium)
0.48 mm cores (24AWG).

Cable: 8 wires formed into 4 insulated twisted pairs.

Core Insulation: HDPE High Density Polyethylene

Core Identification:

4 colour coded twisted Pairs: Blue + White/Blue, Orange + White/Orange,
Green + White /Green, Brown + White/Brown

Screening/ Shielding: UTP– Unshielded 'unscreened' twisted pairs

Outer Sheathing: - PE, Polyethylene Jacket, Black.

(Weather and corrosion resistant 'Duct Grade').

Stripping cord: nylon

DC Loop resistance: <29 Ohms/100m

Resistance unbalance: <5%

Current Capacity: 600mA per core.

Minimum bending radius: 5 x O.D

Jacket Overall Diameter: 5.0mm (+/-0.1mm)

Cable marking: Product reference code / metre marked.

Packaging: 305m (1000ft) 'Easy Pull' Box.

Operating temperature: -20°c to +60°c

Weight: 7Kg (including Box)

Conformances:

TIA/EIA 568A & 568B wiring format compatible

Will support:

IEEE 802.3 / 10BASE-T / 100BASE-T / 1000BASE-T

(For restricted length cable runs)

Not recommended for POE applications.

RoHS compliant

