

Instruction

Cat6A cable is designed for improve crosstalk performance between cables applying in 1000 Base-T Ethernet with up to 500MHz bandwidth. The pair shield design make the cable with excellent shielding performance of anti-EMI. This cable complies to all the requirement or Car6A of TIA/EIA568b-10 & IEC61156.

Application

Wiring cable for integrated network and CCTV system.

Electrical specification

Dielectric strength: 2.5kV dc-2s

Conductor resistance: max. 6.85 Ohms/100mT at 20°C

Max ring resistance: 16.8 Ohms/100m

Max mutual capacitance: 560pf/100m

Max capacity unbalance: 330pf/100m

Impedance: $100 \pm 15\% \Omega$ at 1-100MHz

Data specifications

Inner conductor: solid bare copper

Conductor dia.: 23AWG

Insulation: PE

Insulation dia.: $1.13 \pm 0.02\text{mm}$

Jacket: PVC

Nominal OD.: $6.8 \pm 0.2\text{mm}$

Pairs color code

Pair 1: blue-white/blue

Pair 2: orange-white/orange

Pair 3: green-white/green

Pair 4: brown-white/brown