

4 PAIR 24AWG CCA CAT5e ROHS PVC CMX UTP CABLE 100M BOX

Part Number: EPCAT5EV2/100M

STANDARD COMPLIANCES

As Per ANSI/TIA, ISO/IEC Standards
ANSI/TIA-568-B.2 Cat.5e of CHANNEL
ISO/IEC 2nd Edition 11801 Class E of CHANNEL
PVC Comply with the ROHS Directive 2002/95/EC

Construction

Conductor	Copper Clad Aluminum
AWG	24
Conductor Dia.(mm)	0.51
Insulation	HDPE
Average Thickness(mm)	0.20
Insulation Dia.(±0.01mm)	0.91
Jacket	ROHS PVC
Flammability Test	CMX
Average Thickness(mm)	0.55
Outer Dia.(±0.2mm)	5.1
Rip Cord	Per request

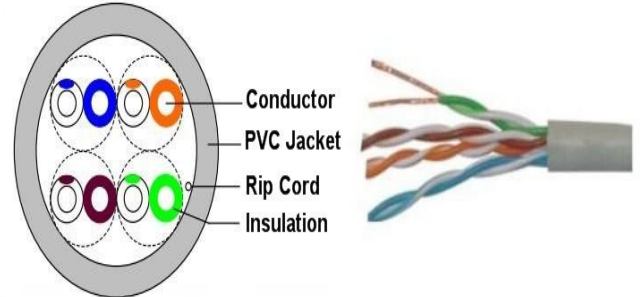
Insulation Color

Blue-White/ Blue	Green-White/ Green
Orange-White/ Orange	Brown-White/ Brown

Jacket Color

Standard	Grey
Special	Per customer Request

Cross Section



Standard Packing

100M/Color Box
6 Boxes/Outer Carton

Design and test for

IP Megapixel CCTV/Analog Installations
Wire Access Points
Gigabit Video/data installations

Electrical Specifications

Dielectric strength	2.5KV dc-2seconds
Conductor resistance	Max 7.0 ohm/100M at 20°C
Max. ring resistance	16.8 ohm/100M at 20°C
Max. mutual capacitance	560 pf/100M
Standard impedance	100±15 ohm
Max. capacity unbalance	330 pf/100M
Minimum bending radius	60mm
Working temperatures	-20~60°C

Frequency	NEXT*	PS-NEXT*	ELFEXT*	PS-ELFEXT*
Mhz	≥dB	≥dB	≥dB	≥dB
1.0	62.3	62.3	61.0	61.0
4.0	53.3	53.3	49.0	49.0
10.0	47.3	47.3	41.0	41.0
16.0	44.2	44.2	36.9	36.9
20.0	42.8	42.8	35.0	35.0
31.25	39.9	39.9	31.1	31.1
62.5	35.4	35.4	25.1	25.1
100.0	32.3	32.3	21.0	21.0

The asterisked(*)value are for information only. The minimum Next coupling loss for any pair combination at room temperature is be greater than the value determined using the formula.