

CABLE COMPOSITE 4×2/24AWG CAT. 5e + 2/16 AWG LDPE 1000FT

Part Number: EPCAT5EV2P

Application

- Mixed signal systems and data
- Support services

Construction: 4×2/24AWG CAT.5e

Conductor	Copper Clad Aluminum
AWG	24
Conductor Dia.(mm)	0.51
Insulation	PE
Average Thickness(mm)	0.18
Insulation Dia.(±0.02mm)	0.91
Jacket	LDPE
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

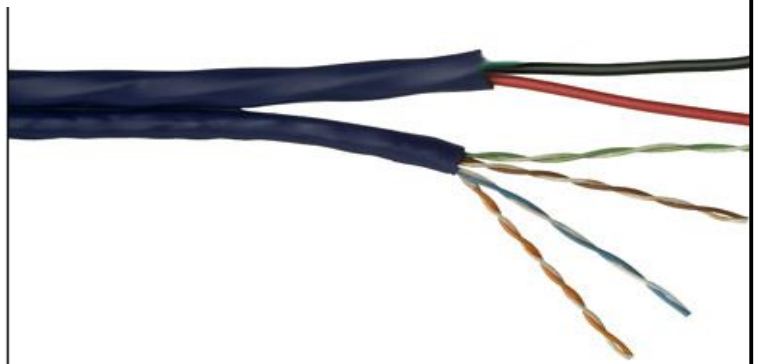
Jacket Color

Standard	Black
Special	Per customer Request

Packing Term

Packing Length	1000FT
Packing material	Wooden Drum

Cross Section



Construction: 2/16 AWG Power

Conductor	Copper Clad Aluminum
AWG	16
Conductor Dia.(mm)	26*0.25
Insulation	HDPE
Insulation Dia.(±0.02mm)	2.25
Jacket	LDPE
Outer Dia.(±0.2mm)	5.1

Insulation Color

Black-Red

Jacket Color

Standard	Black
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Electrical Specifications

Conductor resistance	Max 9.38ohm/100M at 20°C
Max. ring resistance	16.8 ohm/100M at 20°C
Max. mutual capacitance	560 pf/100M
Max. capacity unbalance	330 pf/100M
Standard impedance	100±15 ohm between 1Mhz and 100Mhz
Working temperatures	-20~60°C

Frequency (Mhz)	ACR (dB)	RL (dB)	ATT (dB/100)	Min NEXT (dB)	Min PS-NEXT (dB)	Min ELFEXT (dB)	Min PS-ELFEXT (dB)
1	66.3	20	2.1	68.0	66.0	63.8	60.8
4	55.2	23.0	4.2	59.2	57.2	51.7	48.8
8	49.0	24.5	5.9	54.8	52.8	45.7	42.7
10	46.8	25	6.6	53.3	51.3	43.8	40.8
20	39.5	25	9.4	48.8	46.8	37.8	34.8
25	36.9	24.3	10.3	47.3	45.3	35.8	32.8
31.25	34.2	23.6	11.8	45.9	43.9	33.9	30.9
62.3	24.4	21.5	17.1	41.1	39.4	27.8	24.8
100	16.3	20.1	22.2	38.3	36.3	23.8	20.8

*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%