

Model: EPRO-CAT5E-OUGEL

Technical parameter

Type	CAT5E UTP 24AWG×4P GEL-FILLED
Standard	ANSI/TIA-568-C.2
Conductor	
Conductor material	BC
Conductor size	24AWG×4P
Conductor construction(mm)	0.48±0.01
Insulation	
Insulation material	HDPE
Insulation diameter(mm)	0.90±0.05
Color	Blue, White/Blue, Orange, White/Orange, Green, White/Green, Brown, White/Brown
Filler	
Material	Gel
Rip-cord	
Rip-cord	Yes
Inner jacket	
Jacket material	PVC
Jacket diameter(mm)	5.1±0.4
Average thickness(mm)	0.50
Min Thickness(mm)	0.33
Color	Customize
Outer jacket	

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Type	CAT5E UTP 24AWG×4P GEL-FILLED						
Standard	ANSI/TIA-568-C.2						
Jacket material	LDPE						
Jacket diameter(mm)	6.2±0.4						
Average thickness(mm)	0.55						
Min Thickness(mm)	0.37						
Color	Customize						
Electrical & Physical Characteristics							
Conductor DCR 20°C	≤10.0Ω/km						
Operational temperature	-20°C~+75°C						
Characteristic impedance(Ohm)	100±15						
Link transmission performance(90M)							
Frequency (MHz)	Attenuation (dB)	NEXT (dB)	PS NEXT (dB)	ACR-F (dB)	PS ACR-F (dB)	Return Loss (dB)	Delay (ns)
1.00	3.0	60.0	57.0	58.6	54.0	19.0	498
4.00	3.9	54.8	51.8	46.6	47.9	19.0	498
8.00	5.5	50.0	47.0	40.6	41.5	19.0	498
10.00	6.2	48.5	45.5	38.6	39.3	19.0	498
16.00	7.9	45.2	42.2	34.5	34.3	19.0	498
20.00	8.9	43.7	40.7	32.6	31.8	19.0	498
25.00	10.0	42.1	39.1	30.7	29.1	18.0	498
31	11.2	40.5	37.5	28.7	26.3	17.1	498
63	16.2	35.7	32.7	22.7	16.4	14.1	498
100.00	21.0	32.3	29.3	18.6	8.3	12.0	498