

Model: EPRO-CAT5E-OU

Technical parameter

Type	CAT5E UTP 24AWG×4P
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
Wrapping tape	
Wrapping tape material	PET
Rip-cord	
Rip-cord	Yes
Jacket	
Jacket material	LDPE
Jacket diameter(mm)	5.0±0.4
Average thickness(mm)	0.50
Min Thickness(mm)	0.33
Color	Customize
Electrical & Physical Characteristics	
Conductor DCR 20℃	≤10.0Ω/km
Operational temperature	-20℃~+75℃

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Type		CAT5E UTP 24AWG×4P					
Standard		ANSI/TIA-568-C.2					
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