



Technical parameter

Type	CAT6 UTP 24AWG×4P
Specification	ANSI/TIA-568-C.2
Conductor	
Conductor material	CCA
Conductor size	24AWG×4P
Conductor Construction (mm)	7x0.19±0.01
Insulation	
Insulation material	HDPE
Insulation diameter(mm)	0.96±0.05
Average Thickness (mm)	0.20
Min Thickness (mm)	0.18
Color	Blue, White/ Blue, Orange, White/ Orange, Green, White/ Green, Brown, White/ Brown
Filling	
Filling material	PE Cross
Jacket	
Jacket material	PVC
Jacket Diameter(mm)	5.8±0.3
Average Thickness (mm)	0.55
Min Thickness (mm)	0.47
Color	Customize
Electrical & Physical Characteristics:	
Operational Temperature	-20°C~+70°C
Characteristic Impedance (Ohm)	100±15

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Channel transmission performance(40M)							
Frequeny (MHz)	Attenuation (dB)	NEXT (dB)	PSNEXT (dB)	ACRF (dB)	PSACRF (dB)	Return loss (dB)	Delay (ns)
1	3.0	65.0	62.0	63.3	60.3	19.0	570
4	4.0	63.0	60.5	51.2	48.2	19.0	552
8	5.7	58.2	55.6	45.2	42.2	19.0	547
10	6.3	56.6	54.0	43.3	40.3	19.0	545
16	8.0	53.2	50.6	39.2	36.2	18.0	543
20	9.0	51.6	49.0	37.2	34.2	17.5	542
25	10.1	50.0	47.3	35.3	32.3	17.0	541
31.25	11.4	48.4	45.7	33.4	30.4	16.5	540
62.5	16.5	43.4	40.6	27.3	24.3	14.0	539
100	21.3	39.9	37.1	23.3	20.3	12.0	538
200	31.5	34.8	31.9	17.2	14.2	9.0	537
250	35.9	33.1	30.2	15.3	12.3	8.0	536