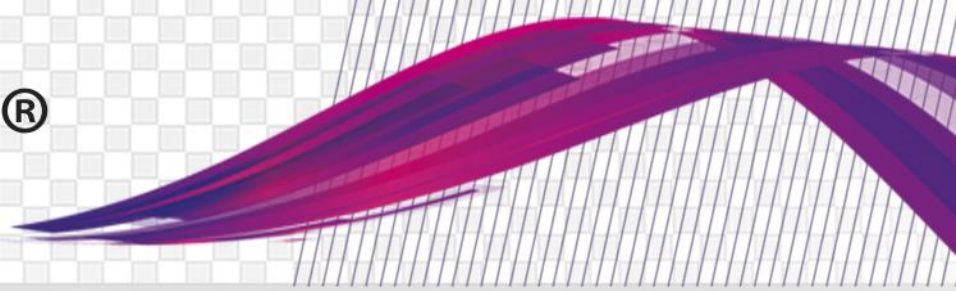




## Model: EPRO-CAT6

Type	CAT6 UTP 23AWG×4P
Standard	ANSI/TIA-568-C.2/UL444
<b>Conductor</b>	
Conductor material	BC
Conductor size	23AWG×4P
Conductor construction(mm)	0.55±0.01
<b>Insulation</b>	
Insulation material	HDPE
Insulation diameter(mm)	0.98±0.05
Color	Blue, White/Blue, Orange, White/Orange, Green, White/Green, Brown, White/Brown
<b>Filler</b>	
Filler material	Cross filling
<b>Rip-cord</b>	
Rip-cord	Yes
<b>Jacket</b>	
sheath material	PVC
sheath diameter(mm)	6.0±0.4
Average thickness(mm)	0.55
Min thickness(mm)	0.37
Color	Customize
<b>Electrical &amp; Physical Characteristics</b>	
Conductor DCR 20°C	≤73.2Ω/km
Operational temperature	-20°C~+75°C
Characteristic impedance(Ohm)	100±15



## Model: EPRO-CAT6

Type		CAT6 UTP 23AWG×4P					
Standard		ANSI/TIA-568-C.2/UL444					
Flammability test		CM					
<b>Link transmission performance(90M)</b>							
Frequency (MHz)	Attenuation (dB)	NEXT (dB)	PS NEXT (dB)	ACR-F (dB)	PS ACR-F (dB)	Return loss (dB)	Delay (ns)
1	3.0	65.0	62.0	64.2	61.2	19.1	498
4	3.5	64.1	61.8	52.1	49.1	21.0	498
8	5.0	59.4	57.0	46.1	43.1	21.0	498
10	5.5	57.8	55.5	44.2	41.2	21.0	498
16	7.0	54.6	52.2	40.1	37.1	20.0	498
20	7.9	53.1	50.7	38.2	35.2	19.5	498
25	8.9	51.5	49.1	36.2	33.2	19.0	498
31.25	10.0	50.0	47.5	34.3	31.3	18.5	498
62.5	14.4	45.1	42.7	28.3	25.3	16.0	498
100	18.6	41.8	39.3	24.2	21.2	14.0	498
200	27.4	36.9	34.3	18.2	15.2	11.0	498
250	31.1	35.3	32.7	16.2	13.2	10.0	498