

U/UTP 4Pairs Cat.6 PE Jacket Lan Cable, Jelly Filled

Test Standard	ANSI/TIA-568-C.2 、 ISO / IEC 11801 、 IEC 61156 、 BS EN 50288							
Physical Parameters								
Conductor	Material	Solid Bare Copper						
	Diameter (mm)	0.550± 0.005						
Insulation	Material	HDPE						
	Diameter (mm)	0.93± 0.05						
Core color	1.white-blue/blue	2.white-orange/orange						
	3.white-green/green	4.white-brown/brown						
Separator	PE							
Polyester	YES, Jelly Filled							
Sheath	Material	PE						
	Thickness (mm)	0.55±0.05						
	Diameter (mm)	6.2 ±0.3						
	Color	Black						
Surface printing	Letter high (mm)	3.0 ± 0.5						
	Color	White						
	Print error & Space	≤ ± 0.5% , 1m						
Electrical Parameters								
Conductor Resistance (20)		≤ 7.5 Ω/ 100m						
Electrical Resistance Unbalance (20)		≤ 2.5 %						
Insulation Resistance		>5000 MΩ·km						
Mutual capacitance of a pair		≤ 5.6nF/100m						
Technical Performance								
Freq MHZ	Zc	IL	RL	NEXT	PS NEXT	ELFEXT	PS ELFEXT	
	Ω	dB/100m	dB	dB/100m	dB/100m	dB/100m	dB/100m	
1.0	100±1 5	≤ 2.0	≥ 20.0	≥ 74.3	≥ 72.3	≥ 67.8	≥ 64.8	
4.0		≤ 3.8	≥ 23.0	≥ 65.3	≥ 63.3	≥ 55.8	≥ 52.8	
8.0		≤ 5.3	≥ 24.5	≥ 60.8	≥ 58.8	≥ 49.7	≥ 46.7	
10.0		≤ 6.0	≥ 25.0	≥ 59.3	≥ 57.3	≥ 47.8	≥ 44.8	
16.0		≤ 7.6	≥ 25.0	≥ 56.2	≥ 54.2	≥ 43.7	≥ 40.7	
20.0		≤ 8.5	≥ 25.0	≥ 54.8	≥ 52.8	≥ 41.8	≥ 38.8	
25.0		≤ 9.5	≥ 24.3	≥ 53.3	≥ 51.3	≥ 39.8	≥ 36.8	
31.25		≤ 10.7	≥ 23.6	≥ 51.9	≥ 49.9	≥ 37.9	≥ 34.9	
62.5		≤ 15.4	≥ 21.5	≥ 47.4	≥ 45.4	≥ 31.9	≥ 28.9	
100		≤ 19.8	≥ 20.1	≥ 44.3	≥ 42.3	≥ 27.8	≥ 24.8	
200		≤ 29.0	≥ 18.0	≥ 39.8	≥ 37.8	≥ 21.8	≥ 18.8	
250		≤ 32.8	≥ 17.3	≥ 38.3	≥ 36.3	≥ 19.8	≥ 16.8	
Environment Temperature								
Store		0~40		Work		-20 ~ 60		
Remark								
a) The Cable can pass fluke test. b) Insulation Outer Diameter and Sheath Outer Diameter are for reference only.								