

F/UTP CAT.6 4 Pairs LAN Cable

Test Standard	TIA/EIA-568C.2, ISO_IEC 11801, YD/T 1019							
Construction								
Conductor	Material		Solid Bare Copper					
	Diameter (mm)		23AWG					
Insulation	Material		HDPE					
	Diameter (mm)		1.09 ^{+0.05}					
Core color	1 white-blue/blue		2 white-orange/orange					
	3 white-green/green		4 white-brown/brown					
Polyester tap	Yes		Aluminum foil	Yes				
Rip cord	210D		Drain wire	Yes,TC				
Separator	Yes							
Sheath	Material		PVC/LSZH					
	Thickness		0.6±0.1mm					
	Diameter		7.6±0.5mm					
	Color		Grey					
Surface printing	Letter high		3.0 ± 0.5mm		Package	Drum in box		
	Color		White		Box Dimensions (mm)	420*420*350		
	Print error & Space		≤± 0.5% , 1m		Package Length	305m		
Electrical Properties								
Conductor Resistance (20°C)					≤8.5 Ω/ 100m			
Electrical Resistance Unbalance (20°C)					≤2.0%			
Insulation Resistance					>5000 MΩ·km			
Pair to Ground Capacitance Unbalance (0.8 KHz or 1KHz)					≤160pF/100m			
Transmission Properties								
Freq MHZ	Zin	IL	RL	NEXT	PS NEXT	ELFEXT	PS ELFEXT	
	Ω	dB/100m	dB	dB/100m	dB/100m	dB/100m	dB/100m	
1.0	100 ± 15	≤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		-10~+50℃		Installation	-5~+40	Work	-20 ~ +60	
Remark								
a) The Cable can pass 90m Channel test or 80m Permanent Link test.								
b) Insulation Outer Diameter, Sheath Outer Diameter and Packaging Dimensions are for reference only.								

