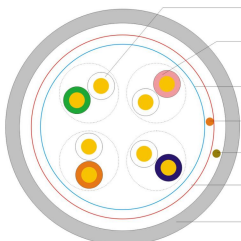


F/UTP 4Pairs Cat.5E PVC/LSZH/PE Jacket Lan Cable

Test Standard		ANSI/TIA-568-C.2、ISO / IEC 11801、IEC 61156、BS EN 50288					
Physical Parameters							
Conductor	Material	Solid Bare Copper					
	Diameter（mm）	0.500±0.005					
Insulation	Material	HDPE					
	Diameter（mm）	1.00±0.05					
Core color	1.white-blue/blue	2.white-orange/orange					
	3.white-green/green	4.white-brown/brown					
Polyester	YES						
Drain wire	TC 0.4mm						
Shield	Aluminum Foil						
Sheath	Material	PVC/LSZH/PE					Surface printing
	Thickness（mm）	0.55±0.05		Color	Black/White		
	Diameter（mm）	6.0±0.3		Print error & Space	≤±0.5%，1m		
	Color	Optional					
Electrical Parameters							
Conductor Resistance (20℃)				≤9.38 Ω/ 100m			
Electrical Resistance Unbalance (20℃)				≤2.5 %			
Insulation Resistance				>5000 MΩ·km			
Mutual capacitance of a pair				≤5.6nF/100m			
Technical Performance							
Feq 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	≤2.04	≥20.0	≥65.30	≥62.30	≥64.00	≥61.00
4.0		≤4.05	≥23.0	≥56.27	≥53.27	≥51.96	≥48.96
8.0		≤5.77	≥24.5	≥51.75	≥48.75	≥45.94	≥42.94
10.0		≤6.47	≥25.0	≥50.30	≥47.30	≥44.00	≥41.00
16.0		≤8.25	≥25.0	≥47.24	≥44.24	≥39.92	≥36.92
25.0		≤10.42	≥24.3	≥44.3	≥41.30	≥36.00	≥33.12
31.25		≤11.71	≥23.6	≥42.89	≥39.89	≥34.12	≥31.12
62.5		≤16.99	≥21.5	≥38.36	≥35.36	≥28.08	≥25.08
100		≤21.98	≥20.1	≥35.30	≥32.30	≥24.00	≥21.00
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.							