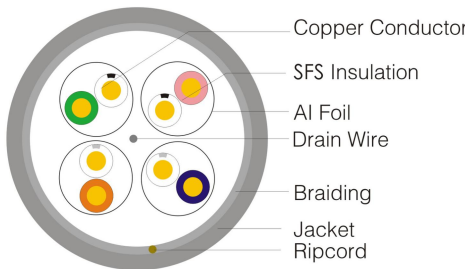


S/FTP 4Pairs Cat.7 PVC/LSZH Jacket Lan Cable

Test Standard		ANSI/TIA-568-C.2、ISO / IEC 11801、IEC 61156、BS EN 50288					
Physical Parameters							
Conductor	Material	Solid Bare Copper					
	Diameter（mm）	0.570±0.005					
Insulation	Material	PE(Skin-Foam-Skin)					
	Diameter（mm）	1.35±0.05					
Core color	1.white-blue/blue	2.white-orange/orange					
	3.white-green/green	4.white-brown/brown					
Wire pair shield	Aluminum Foil						
Drain wire	TC 0.4mm						
Total shield	Al/TC Braid						
Sheath	Material	PVC/LSZH		Surface printing	Letter high（mm）	3.0±0.5	
	Thickness（mm）	0.55±0.05			Color	Black/White	
	Diameter（mm）	8.0±0.3			Print error & Space	≤±0.5% ， 1m	
	Color	Optional					
Electrical Parameters							
Conductor Resistance (20℃)				≤7.3Ω/ 100m			
Electrical Resistance Unbalance (20℃)				≤2.5 %			
Insulation Resistance				>5000 MΩ·km			
Mutual capacitance of a pair				≤5.6nF/100m			
Technical Performance							
Feq 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±15	≤2.0	≥20.0	≥78.0	≥75.0	≥78.0	≥75.0
4.0		≤3.7	≥23.0	≥78.0	≥75.0	≥78.0	≥75.0
10.0		≤5.9	≥25.0	≥78.0	≥75.0	≥74.0	≥71.0
16.0		≤7.5	≥25.0	≥78.0	≥75.0	≥69.9	≥66.9
20.0		≤8.4	≥25.0	≥78.0	≥75.0	≥68.0	≥65.0
31.25		≤10.4	≥23.6	≥78.0	≥75.0	≥64.1	≥61.1
62.5		≤14.9	≥21.5	≥75.5	≥72.5	≥58.1	≥55.1
100		≤19.1	≥20.1	≥72.4	≥69.4	≥54.0	≥51.0
200		≤27.6	≥18.0	≥67.9	≥64.9	≥48.0	≥45.0
250		≤31.0	≥17.3	≥66.5	≥63.5	≥46.0	≥43.0
300		≤34.2	≥17.3	≥65.3	≥62.3	≥44.5	≥41.5
500		≤45.3	≥17.3	≥61.9	≥58.9	≥40.0	≥37.0
600		≤50.1	≥17.3	≥60.8	≥57.8	≥38.4	≥35.4
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.							