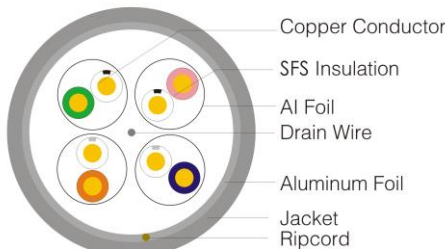




Technical Specification

HANGZHOU XINGFA TECHNOLOGY CO., LTD

S/FTP 4Pairs Cat.6A 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）	0.560±0.005					
Insulation	Material	PE(Skin-Foam-Skin)					
	Diameter（mm）	1.30±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 braid	64x0.10mm TC braid (30% coverage)						
Sheath	Material	LSZH					
	Thickness（mm）	0.50±0.05					
	Diameter（mm）	7.6 ±0.3					
	Color	Optional					
Surface printing	Letter high（mm）	3.0 ± 0.5					
	Color	Black/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±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
10.0		≤5.9	≥25.0	≥59.3	≥57.3	≥47.8	≥44.8
16.0		≤7.5	≥25.0	≥56.2	≥54.2	≥43.7	≥40.7
20.0		≤8.4	≥25.0	≥54.8	≥52.8	≥41.8	≥38.8
31.25		≤10.5	≥23.6	≥51.9	≥49.9	≥37.9	≥34.9
62.5		≤14.9	≥21.5	≥47.4	≥45.4	≥31.9	≥28.9
100		≤19.0	≥20.1	≥44.3	≥42.3	≥27.8	≥24.8
200		≤27.5	≥18.0	≥39.8	≥37.8	≥21.8	≥18.8
250		≤31.0	≥17.3	≥38.3	≥36.3	≥19.8	≥16.8
300		≤34.2	≥17.3	≥37.1	≥34.1	≥18.3	≥15.3
500		≤45.3	≥17.3	≥33.8	≥30.8	≥13.8	≥10.8
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.							