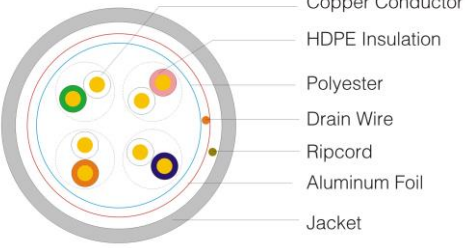


# Technical Specification

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

Test Standard		ANSI/TIA-568-C.2、ISO / IEC 11801、IEC 61156、BS EN 50288				
<b>Physical Parameters</b>						
Conductor	Material	Solid Bare Copper				
	Diameter (mm)	0.92±0.005				
Insulation	Material	HDPE				
	Diameter (mm)	0.92±0.05				
Core color	1.white-blue/blue	2.white-orange/orange				
	3.white-green/green	4.white-brown/brown				
Polyester	YES					
Drain wire	CCA 0.4mm					
Shield	Aluminum Foil					
Sheath	Material	PVC				Surface printing
	Thickness (mm)	0.46±0.05		Color	Black/White	
	Diameter (mm)	5.9 ±0.3		Print error & Space	≤± 0.5% , 1m	
	Color	Optional				
<b>Electrical Parameters</b>						
Conductor Resistance (20°C)				≤9.38 Ω/ 100m		
Electrical Resistance Unbalance ( 20°C)				≤2.5 %		
Insulation Resistance				>5000 MΩ·km		
Mutual capacitance of a pair				≤5.6nF/100m		
<b>Environment Temperature</b>						
Store	0~40°C		Work	-20 ~ 60°C		
<b>Remark</b>						
a) The Cable can pass fluke test.						
b) Insulation Outer Diameter and Sheath Outer Diameter are for reference only.						