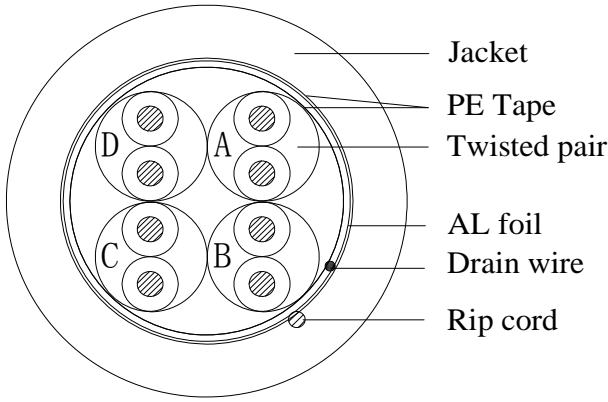


4Pairs Cat5e Shielded Plenum Cable Specification

Cross Section		Performance			
		Electrical Characteristics:			
		1.0-350.0MHz Impedance (ohms)	100 ± 15		
		1.0-350.0MHz Delay Skew (ns/100m)	<=45		
		Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330		
		Max. Conductor DC Resistance 20°C (ohms/km)	86.5		
		Resistance Unbalance (%)	<=5		
Description		Frequency (MHz)	Return loss (Min dB)	Attenuation Max (dB/100m)	NEXT (Min dB)
Rated Temperature (°C)					
Rated Voltage(V)					
Product Standard Certification					
Flammability Test		IEC-332-1			
Construction					
Conductor	Solid Bare Copper				
AWG	24				
Conductor Dia. (±0.005mm)	0.515				
Insulation	FEP				
Average Thickness(mm)	0.218				
Min. Point Thickness(mm)	0.200				
Insulation Dia.(±0.01mm)	0.95				
Twisted Pair Dia.(±0.01)	1.90				
Pe-tape	YES				
Drain wire (TC)	0.40				
Al-foil	YES				
Pe-tape	YES				
Assembly Dia.(mm)	4.80				
Jacket	PVC				
Average Thickness(mm)	0.50				
Min. Point Thickness(mm)	0.45				
Outer Dia.(±0.30mm)	5.90				
Rip Cord	Nylon				
Color		Frequency (MHz)	PSNEXT Min (dB)	ELFEXT Min (dB/100m)	PSELFEXT in (dB/100m)
The color of the wire pair in cables					
A:Blue-White with Blue					
B:Orange-White with Orange					
C:Green-White with Green					
D:Brown-White with Brown					
The jacket color: Blue					
Marking					
Mechanical Characteristics:					
Test Object		Jacket			
Test Material		PVC			
Before	Tensile Strength (Mpa)	>=13.8			
Aging	Elongation (%)	>=100			
Aging Condition (°Cxhrs)		100x168			
After	Tensile Strength (Mpa)	>=85% of unaged			
Aging	Elongation (%)	>=50% of unaged			
Cold Bend(-20±2°Cx4hrs)		No crack			