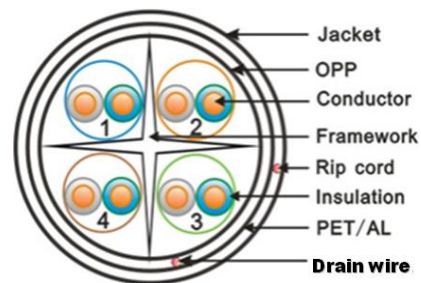
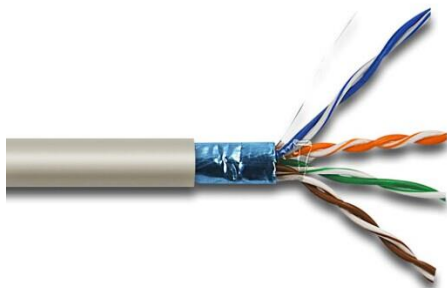


TECHNICAL DATA SHEET FTP CAT.6 WELL

Electrical Performance (20°C)

Item	Parameter					
Conductor resistance	$\leq 8.2\Omega/100m$					
Insulation resistance	$\geq 5000M\Omega Km(DC500V \text{ Charged } 1Min)$					
Voltage endurance	DC 1500V/min					
Mutual capacitance	$\leq 5.6nF/100m$					
Core-core resistance unbalance	$\leq 5\%$					
High frequency performance						
Item Freq	RL $\geq dB/100m$	Attenuation $\leq dB/100m$	NEXT $\geq dB/100m$	PSNEXT $\geq dB/100m$	ELFEXT $\geq dB/100m$	FLUKE TIA CAT6 Channel
1MHz	19.0	3.0	65.0	62.0	63.3	
4MHz	19.0	4.0	63.0	60.5	51.2	
8MHz	19.0	5.6	58.2	55.6	45.2	
10MHz	19.0	6.3	56.6	54.0	43.2	
16MHz	19.0	8.0	53.2	50.6	39.2	
20MHz	17.5	9.0	51.6	49.0	37.2	
25MHz	17.0	10.1	50.0	47.3	35.3	
31.25MHz	16.5	11.4	48.4	45.7	33.3	
62.5MHz	14.0	16.5	43.4	40.6	27.3	
100MHz	12.0	21.3	39.9	37.1	23.2	
200MHz	9.0	31.5	34.8	31.9	17.2	
250MHz	8.0	36.0	33.1	30.2	15.3	

Structure drawing:



Color of twisted pair (Arabic numerals in structure drawing stand for the twisted pair)

No.	Color of insulation	
1	White/blue	Blue
2	White/orange	Orange
3	White/green	Green
4	White/brown	Brown