

### COPPER CAT. 5E SFTP CABLE

We have a complete structured cabling solution, where our products are manufactured under the UL and ETL standards. We provide to our customers 25 years guarantee on our structured cabling solution.



<b>Standards</b>	ISO/IEC 11801
	TIA/EIA568
<b>Multi construction</b>	4 Pairs (8 cores)
<b>AWG</b>	24
<b>Conductor Diameter (mm)</b>	0.51 ± 0.008
<b>Conductor Material</b>	Solid Bare Copper
<b>Insulation</b>	PE Solid
<b>Drain wire</b>	Tinned Copper
<b>Insulation Diameter</b>	1.02 ± 0.01
<b>Ripcord</b>	Cotton (Customized)
<b>Jacket</b>	PVC / LSZH
<b>Jacket Thickness (mm)</b>	AVG: 0.5
<b>Outer Diameter (mm)</b>	6.4 ± 0.5
<b>Jacket Color</b>	Customized
<b>Linear Resistance (Ω/km)</b>	≤ 92
<b>Mutual Capacity (pF/m)</b>	50
<b>Unbalance Capacity (pF/km)</b>	1600
<b>Velocity of Propagation</b>	Approx. 66%
<b>Bending Radius</b>	≥ 10* Diameter

#### HONG KONG

Romatecsans International Limited  
7/F., Catic Building, No. 44 Tsun Yip  
Street, Kowloon, Hong Kong  
Tel. +852 8199 9706  
asia@romatecsans.com

#### CHILE

Importadora y Exportadora Romatecsans Ltda.  
Carmen Farina 6758, Vitacura,  
Santiago, Chile  
Tel.: +56 22 9797 922  
ventas@romatecsans.com

sales@romatecsans.com  
www.romatecsans.com



Performance				
Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	PSNEXT (dB/100m)
1	20.0	2.04	65.3	62.3
4	23.0	4.1	56.3	53.3
10	25.0	6.5	50.3	47.3
16	25.0	8.2	47.2	44.2
20	25.0	9.3	45.8	42
25	24.3	10.4	44.3	41.3
31.25	23.6	11.7	42.9	39.9
62.5	21.5	17	38.4	35.4
100	20.1	22	35.3	32.3

Frequency (MHz)	ELFEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	63.8	60.8	100 ± 15
4	51.8	48.8	
10	43.8	40.8	
16	39.7	36.7	
20	37.8	34.8	
25	35.8	32.8	
31.25	33.9	30.9	
62.5	27.9	24.9	
100	23.8	20.8	

ORDERING INFORMATION									
Model	Category	Type		Color		Jacket		Length (m)	
LC	5e	1	UUTP	1	Yellow	A	LSZH	L	500
		2	FUTP	2	Blue	B	PVC	S	305
	6a	3	UFTP	3	White				
		4	FFTP	4	Metal				
		5	SUTP	5	Red				
		6	SFTP	6	Green				

ORDERING INFORMATION EXAMPLE					
LC	5e	6	3	A	S

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