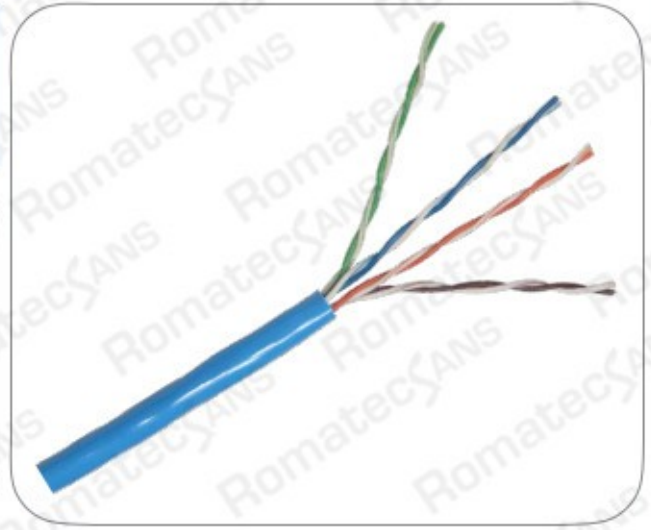


COPPER CAT. 5E UTP CABLE

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.



Standards	ISO/IEC 11801
	TIA/EIA568B
Multi construction	4 Pairs (8 cores)
AWG	24
Conductor Diameter (mm)	0.48 ± 0.005
Conductor Material	Solid Bare Copper
Insulation	Solid PE
Thickness (mm)	AVG: 0.2, MIN: 0.19
Insulation Diameter	0.92 ± 0.02
Ripcord	Cotton (Customized)
Jacket	PVC / LSZH
Jacket Thickness (mm)	AVG: 0.52; MIN: 0.46
Outer Diameter (mm)	5.1 ± 0.2
Jacket Color	Customized
Max. Conductor DC Resistance at 20°C (Ω/Km)<	< 94.8
Rated Temperature (°C)	75
Rated Voltage (V)	300V
Velocity Ratio	65%

HONG KONG

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Performance				
Frequency (MHz)	RL (dB) min.	Attenuation (dB/100m) max.	NEXT (dB/100m)	PSNEXT (dB/100m)
1	17.0	1.04	62.30	62.30
4	18.8	4.05	53.26	53.26
8	19.7	5.76	48.75	48.75
10	20	6.46	47.30	47.30
16	20	8.24	44.23	44.23
20	20	9.26	42.78	42.78
25	19.32	10.42	41.33	41.33
31.25	18.64	11.72	39.87	39.87
50	17.21	15.06	36.81	36.81
62.5	16.53	16.99	35.36	35.36
100	15.1	21.97	32.29	32.29

Frequency (MHz)	ELFEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	61	61	100 ± 15
4	48.95	48.95	
8	42.93	42.93	
10	41	41	
16	36.91	36.91	
20	34.97	34.97	
25	33.04	33.04	
31.25	31.10	31.10	
50	27.02	27.02	
62.5	25.08	25.08	
100	21.00	21.00	

ORDERING INFORMATION

Model	Category	Type	Color	Jacket	Length (m)
LC	5e	1	UUTP	1 Yellow	A LSZH L 500
	6	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	6a	6	3	A	S
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Configuration: LAN Cable Cat. 6A SFTP White LSZH 305mts

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