



CAT5e U/UTP LSZH CABLES

Technical information



Features

- ◆ Reelex box dispenses without twists or over runs
- ◆ Low memory
- ◆ Reverse metre marked from 305m to 0m
- ◆ LSZH sheath
- ◆ 24 AWG solid copper conductors
- ◆ Verified to ISO/IEC 11801, EN50173 and ANSI/TIA-568-C.2
- ◆ Available in seven colours
- ◆ Ultima 25 year System Warranty

Construction

Conductor Diameter (mm)	AWG	Insulation Diameter (mm)	Overall Sheath Diameter
0.49 +/- 0.02	24 AWG	0.83 +/- 0.05	4.9 +/- 0.4

Key Electrical Characteristics

Nom. Mutual Capacitance nF/100m @ 1kHz	Max. DC Resistance Ω/km @ 20°C	Max. DC Conductor Resistance Unbalance(%)	Max. Delay Skew ns/100m
≤5.6	11.0	5.0	≤45

Performance

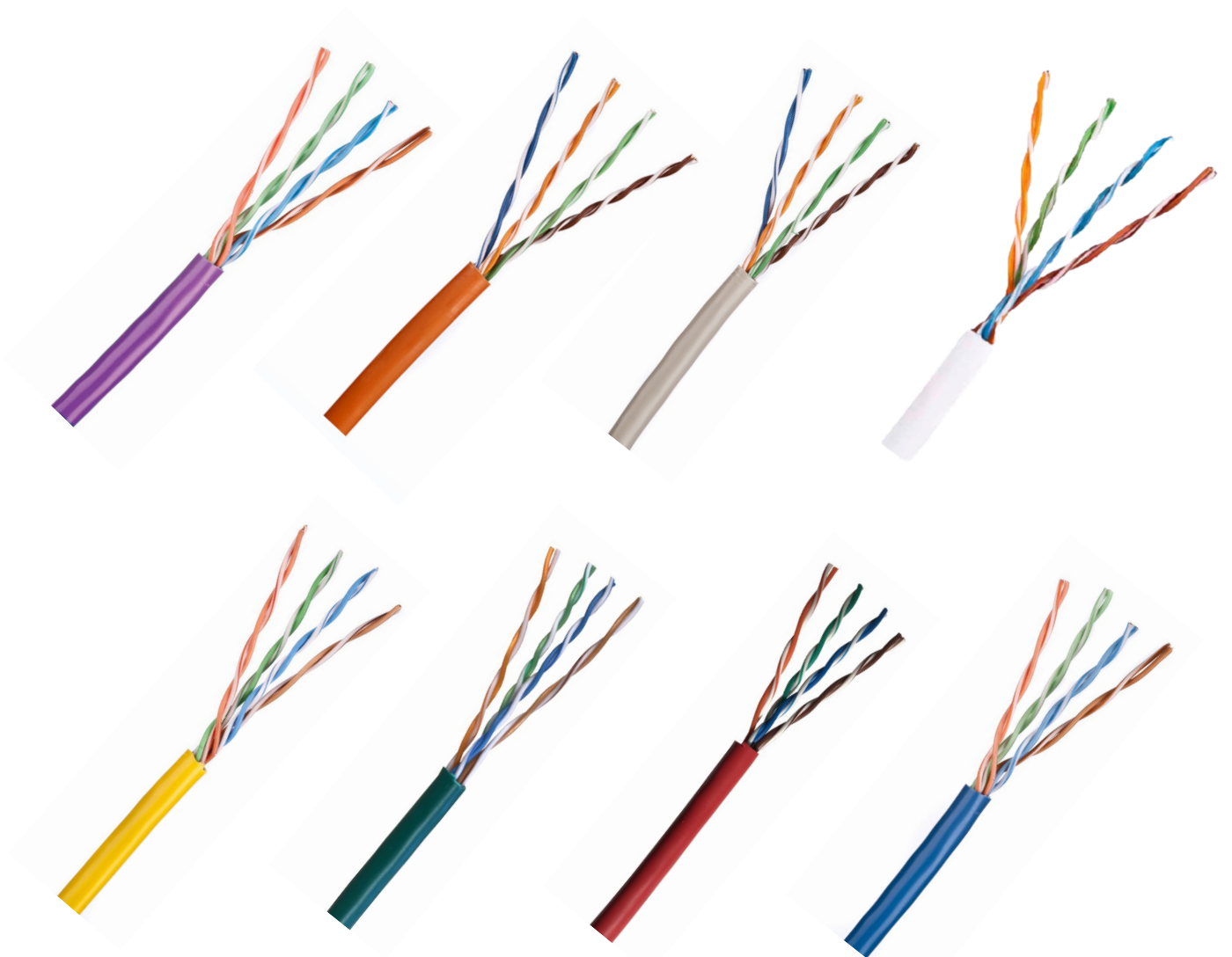
Frequency (MHz)	Return Loss (dB)	Insertion Loss (dB/100m)	NEXT (dB)	PS NEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	20.0	2.0	65.3	62.3	63.8	60.8
4	23.0	4.1	56.3	53.3	51.8	48.8
8	24.5	5.8	51.8	48.8	45.7	42.7
10	25.0	6.5	50.3	47.3	43.8	40.8
16	25.0	8.2	47.2	44.4	39.7	36.7
20	25.0	9.3	45.8	42.8	37.8	34.8
25	24.3	10.4	44.3	41.3	35.8	32.8
31.25	23.6	11.7	42.9	39.9	33.9	30.9
62.5	21.5	17.0	38.4	35.4	27.9	24.9
100	20.1	22.0	35.3	32.3	23.8	20.8





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Part Numbers

Item	Description	Type	NVP	Sheath	CPR Euroclass	Length	Colour
896182VT	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Violet
896182GY	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Grey
896182OG	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Orange
896182WH	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	White
896182YE	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Yellow
896182GN	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Green
896182RD	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Red
896182BU	Cat5e Solid	U/UTP	69%	LSZH	Dca,s2,d2,a1	305m	Blue