



CAT 5e F/UTP LSZH CABLE

Technical information



Features

- ◆ 305m reel
- ◆ Low memory
- ◆ Reverse metre marked from 305m to 0m
- ◆ LSZH sheath
- ◆ 24 AWG solid copper conductors
- ◆ Verified to ISO/IEC 11801
- ◆ Ultima 25 year System Warranty

Construction

Conductor Diameter (mm)	AWG	Insulation Diameter (mm)	Overall Sheath Diameter (mm)
0.5 +/- 0.02	24 AWG	1.01 +/- 0.05	6.0 +/- 0.3

Key Electrical Characteristics

Nominal Velocity of Propagation	Max. Conductor Resistance Ω/km @ 20°C	Pair to Ground Capacitance Unbalance pF/100m	Max. Delay Skew ns/100m
65%	95	≤160	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		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	44.2	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	35.4	24.9
100	20.1	22.0	35.3	32.3	32.3	20.8



Part Numbers

Item	Description	Shielding	NVP	Sheath	CPR Euroclass	Length	Colour
791557	Cat5e Solid	F/UTP	65%	LSZH	Dca-s2,d2,a1	305m	Violet