

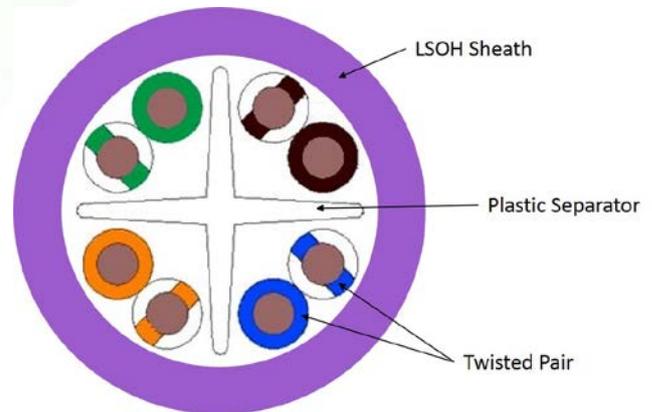
## Maxxam Cat 6 U/UTP Cable - LSZH



- Standards compliant
- Small Overall Diameter
- Excellent Crosstalk Performance
- 305m Reelex Box
- CPR Compliant versions to Eca & B2ca-s1a,d1,a1 standards
- 25 year system warranty via partner programme.

### Features:

- U/UTP Construction
- LSZH Sheath (various colours)
- 6.1mm Overall Diameter (Eca Version)
- 6.6mm Overall Diameter (B2ca Version)
- Excellent NEXT and Return Loss Performance
- Metre marked from 305m to 1m for easy assessment of remaining cable Supplied in
- 305m 'Reelex' box for ease and speed of installation



### Product Overview:

The Maxxam Cat 6 U/UTP Cable offers Cat 6 standards compliant performance and supports high speed protocols up to 1G Ethernet. The cable is backwards compatible to all preceding cabling categories, ensuring support of all IP applications designed to run over them.

The U/UTP construction has a plastic central separator that ensures excellent NEXT performance. The overall diameter of just 6.1mm enables tighter bend radii (just 24mm after installation) and facilitates the installation of more cables in a given size of containment.

Supplied in 305m Reelex Box, multiple cables are easily installed without the need for axle stands and the 305m to 1m cable metre marking makes it easy to determine precisely how much cable remains in a box.

## Technical Data:

<b>Standards Compliant</b>	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
<b>Overall Diameter</b>	6.1mm (Eca Version), 6.6mm (B2ca Version).
<b>Sheath Material</b>	LSZH, IEC60332-1
<b>Conductor Material</b>	Bare Solid Copper, 23AWG
<b>Pulling Force</b>	Max. 100N
<b>Temperature Range</b>	
- Storage	-40 to +70°C
- Installation	0 to 50 °C
- Operation	-40 to 60 °C
<b>Mean Characteristic Impedance</b>	100 Ohms ± 5 Ohms @ 100MHz
<b>Max. Delay Skew @ 100MHz</b>	45 nsecs/100m
<b>Nominal Velocity of Propagation (NVP)</b>	69%

## Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ELFEXT	PSELFEXT	Prop. Delay
MHz	max. dB/100m	min. dB at 20 °C	min. dB	min. dB	min. dB	min. dB	max. ns
1	2.03	20.0	74.3	72.3	67.8	64.8	570
4	3.78	23.0	65.3	63.3	55.8	52.8	552
8	5.32	24.5	60.8	58.8	49.7	46.7	547
10	5.95	25.0	59.3	57.3	47.8	44.8	545
16	7.55	25.0	56.2	54.2	43.7	40.7	543
20	8.47	25.0	54.8	52.8	41.8	38.8	542
25	9.51	24.3	53.3	51.3	39.8	36.8	541
31.25	10.67	23.6	51.9	49.9	37.9	34.9	540
62.5	15.38	21.5	47.4	45.4	31.9	28.9	539
100	19.80	20.1	44.3	42.3	27.8	24.8	538
200	28.98	18.0	39.8	37.8	21.8	18.8	537
250	32.85	17.3	38.3	36.3	19.8	16.8	536

## Ordering Information:

Part No.	Description
XX60004	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass B2ca-s1a,d1,a1 - Violet
XX60003	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Violet
XX60003B	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Blue
XX60003G	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Green
XX60003GY	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Grey
XX60003O	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Orange
XX60003R	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Red
XX60003WH	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - White
XX60003Y	Maxxam Cat 6 U/UTP Cable, 305m (Reelex) Box - CPR Euroclass Eca - Yellow

## Warranty:

The Maxxam 25 year Warranty guarantees Permanent Link and Channel performance to the relevant cabling standard when Maxxam cabling products are installed by a Maxxam Installer Partner. Performance to the relevant cabling standards ensures support of all applications designed to run over the cabling system.



Maxxam offers a comprehensive range of high performance copper and fibre optic cabling solutions backed up with industry leading service and support.

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