

## Maxxam Cat 6 U/UTP Cable (Reelex)

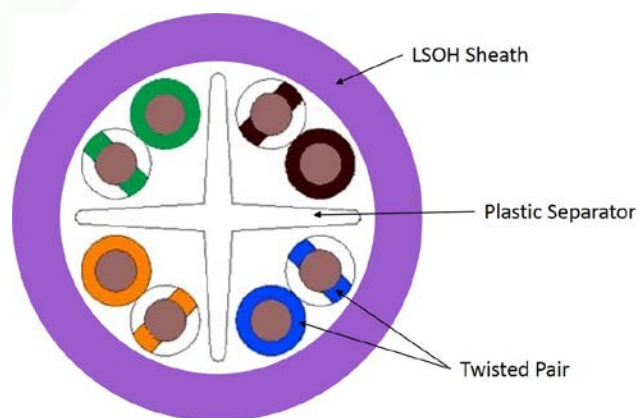


- Standards compliant
- Small Overall Diameter
- Excellent Crosstalk Performance
- 305m Reelex Box



### Features:

- U/UTP Construction
- Violet LSZH Sheath
- 6.1mm Overall Diameter
- 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
<b>Sheath Material</b>	LSZH, IEC60332-1
<b>Conductor Material</b>	Bare Copper, 23AWG
<b>Pulling Force</b>	Max. 100N
<b>Temperature Range</b> - Storage - Installation - Operation	-40 to +70°C 0 to 50 °C -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:

<b>Freq.</b>	<b>Attenuation</b>	<b>RL</b>	<b>NEXT</b>	<b>PS-NEXT</b>	<b>ELFEXT</b>	<b>PSELFEXT</b>	<b>Prop. Delay</b>
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:

<b>Part No.</b>	<b>Description</b>
XX60003	Maxxam Cat 6 U/UTP Cable, 305m (Reelex)

## 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.

Email: [sales@maxxam.co.uk](mailto:sales@maxxam.co.uk)

Telephone: 01276 405780

**maxxam**