

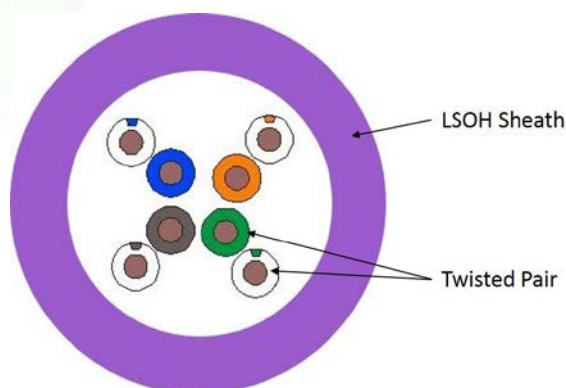
## Maxxam Cat 5e U/UTP Cable



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

### Features:

- U/UTP Construction
- Violet LSZH Sheath
- 5.0mm 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 5e U/UTP Cable offers Cat 5e 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 overall diameter of just 5mm enables tighter bend radii (just 20mm 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:

Standards Compliant	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
Overall Diameter	5.0mm
Sheath Material	LSZH, IEC60332-1
Conductor Material	Bare Copper, 23AWG
Pulling Force	Max. 100N
Temperature Range	
- Storage	-40 to +70°C
- Installation	0 to 50 °C
- Operation	-40 to 60 °C
Mean Characteristic Impedance	100 Ohms $\pm$ 5 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	45 nsecs/100m
Nominal Velocity of Propagation (NVP)	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	2.0	20.0	65.3	62.3	63.8	60.8	570
4	4.1	23.0	56.3	53.3	51.8	48.8	552
8	5.8	24.5	51.8	48.8	45.7	42.7	547
10	6.5	25.0	50.33	47.3	43.8	40.8	545
16	8.2	25.0	47.2	44.4	39.7	36.7	543
20	9.3	25.0	45.8	42.8	37.8	34.8	542
25	10.4	24.3	44.3	41.3	35.8	32.8	541
31.25	11.7	23.6	42.9	39.9	33.9	30.9	540
62.5	17.0	21.5	38.4	35.4	27.9	24.9	539
100	22.0	20.1	35.3	32.3	23.8	20.8	538

## Ordering Information:

Part No.	Description
XX5E0001	Maxxam Cat 5e U/UTP Cable

## 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**