

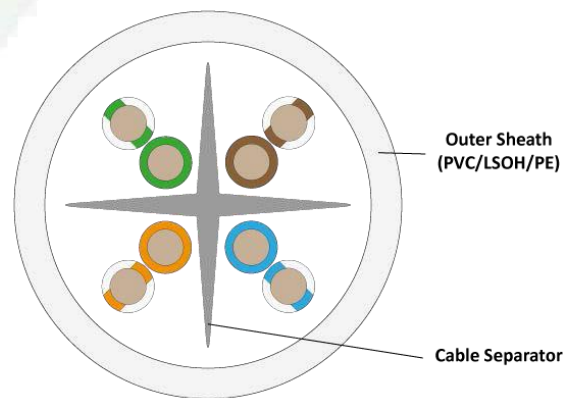
## Maxxam Cat6 U/UTP Solid White LSOH Cable - B2ca



- Standards Compliant
- Small Overall Diameter
- Excellent Crosstalk Performance
- 305m Reel in Box
- CPR Compliant Version to B2ca-s1a,d1,a1 Standards

### Features:

- U/UTP Construction
- LSOH Sheath (various colours)
- 6.6mm Overall Diameter (B2ca Version)
- Excellent NEXT and Return Loss Performance
- Meter marked from 305m to 1m for easy assessment of remaining cable
- Supplied in 305m Reel in Box for ease and speed of installation.



### Product Overview:

The Maxxam Cat6 U/UTP 4 Pair Unshielded Cable offers Cat6 standards compliant performance and supports high speed protocols up to 1G Ethernet.

The cable can be used for permanent installations and flood wiring of buildings and supports all the IP applications designed to run over Cat6.

The U/UTP construction consists of eight colour coded 24AWG polyethylene insulated conductors which are twisted together into 4 pairs and placed around a central plastic separator the ensures excellent NEXT performance.

The overall diameter of just 6.6mm enables tighter bend radii and facilitates the installation of more cables in a given size of containment.

Supplied in 305m Reel in Box, multiple cables are easily installed without the need for axle stands and the 305m to 1m cable meter 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>	6.6mm (B2ca Version).
<b>Sheath Material</b>	LSOH, IEC60332-2
<b>Conductor Material</b>	Bare Solid Copper, 24AWG 0.53mm
<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 $\pm$ 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>PartNo.</b>	<b>Description</b>
XX60004WH	Cat6 White U/UTP LSOH 24AWG Solid CPR B2ca Cable 305m Reel in Box

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

