

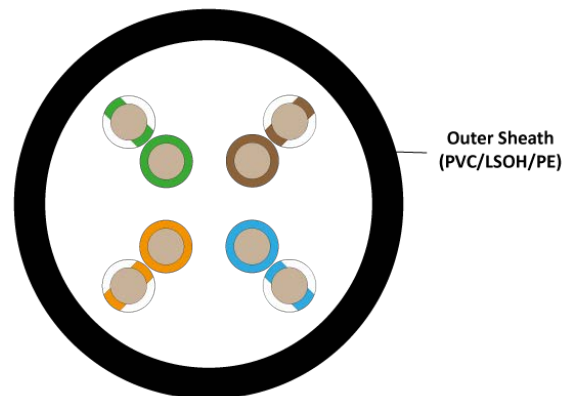
## Maxxam Cat5e U/UTP Solid Black LSOH Cable - Dca



- ➔ Standards Compliant
- ➔ Small Overall Diameter
- ➔ Excellent Crosstalk Performance
- ➔ 305m Reelex Box
- ➔ CPR Compliant to Dca-s1a,d1,a1 Standards.

### Features:

- ➔ U/UTP Construction
- ➔ Black LSOH Sheath
- ➔ 5.0mm Overall Diameter
- ➔ Excellent NEXT and Return Loss Performance
- ➔ Meter 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 Cat5e U/UTP 4 Pair Unshielded Cable offers Cat5e 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 Cat5e.

The U/UTP construction consists of eight colour coded 24AWG polyethylene insulated conductors which are twisted together into 4 pairs.

The overall diameter of just 5mm 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 meter 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	LSOH, IEC60332-1
Conductor Material	Solid-Bare Copper, 24AWG
Insulation	HDPE
Temperature Range	
- Storage	-40 to +70°C
- Installation	0 to 50°C
- Operation	-40 to 60°C
Mean Characteristic Impedance	100 Ohms $\pm$ 15 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	45 nsecs/100m
DC Resistance ( $\Omega$ /100m) Max	9.5

### Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ELFEXT	PSELFEXT	Prop. Delay
MHz	max .dB/100m	min. dBat20°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
XX5E0001BK	Maxxam Cat5e Black U/UTP LSOH 24AWG Solid Dca Cable 305m Reelex Box

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

