

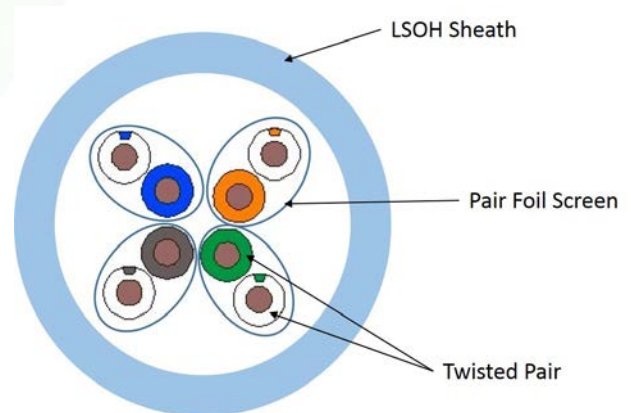
## Maxxam Cat 6A U/FTP Cable - LSZH



- ➔ U/FTP construction
- ➔ Small Overall Diameter
- ➔ Excellent Crosstalk Performance
- ➔ 305m Reel-in-a-Box
- ➔ CPR Compliant versions to Dca & B2ca-s1a,d1,a1 standards.
- ➔ 25 year system warranty via partner programme

### Features:

- ➔ U/FTP Construction
- ➔ Ice Blue LSZH Sheath
- ➔ 7.1mm Overall Diameter
- ➔ Excellent NEXT and Alien Crosstalk Performance
- ➔ Metre marked from 305m to 1m for easy assessment of remaining cable
- ➔ Supplied in 305m reel in a box for ease and speed of installation



### Product Overview:

The Maxxam Cat 6A U/FTP Shielded Cable offers independently verified Cat 6A component compliant performance and supports high speed protocols such as 10G Ethernet. The cable is backwards compatible to all preceding cabling categories, ensuring support of all IP applications designed to run over them.

The U/FTP construction does away with the need for a plastic central separator, making the cable more flexible and easier to pull in. The individually foil shielded pairs ensure excellent NEXT performance whilst eliminating the risk of Alien crosstalk and mean that a much lower twist rate can be used when compared to a U/UTP or F/UTP construction, thus making termination quicker and easier. The overall diameter of just 7.1mm enables tighter bend radii (just 28mm after installation) and facilitates the installation of more cables in a given size of containment when compared to cables with an F/UTP construction.

Supplied in 305m Reel-in-a 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>	7.1mm
<b>Sheath Material</b>	LSZH
<b>Conductor Material</b>	Bare Solid Copper, 23AWG
<b>Drain Wire</b>	Tin Plated Copper, 0.43mm
<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 $\pm$ 5 Ohms @ 100MHz
<b>Max. Delay Skew @ 100MHz</b>	45 nsecs/100m
<b>Nominal Velocity of Propagation (NVP)</b>	74%

## Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ACR	PSACR	TCL	Prop. Delay
MHz	max. dB/100m	min. dB at 20°C	min. dB	min. dB	min. dB	min. dB	min. dB	max. ns
1*	2.1	20.0	75.0	72.3	68.0	65.0	40.0	570
4*	3.8	23.0	66.3	63.3	56.0	53.0	40.0	552
8	5.3	24.5	61.8	58.8	49.9	46.9	40.0	547
10	5.9	25.0	60.3	57.3	48.0	45.0	40.0	545
16	7.5	25.0	57.2	54.2	43.9	40.9	38.0	543
20	8.4	25.0	55.8	52.8	42.0	39.0	37.0	542
25	9.4	24.3	54.3	51.3	40.0	37.0	36.0	541
31.25	10.5	23.6	52.9	49.9	38.1	35.1	35.0	540
62.5	15.0	21.5	48.4	45.4	32.1	29.1	32.0	539
100	19.1	20.1	45.3	42.3	28.0	25.0	30.0	538
200	27.6	18.0	40.8	37.8	22.0	19.0	27.0	537
250	31.1	17.3	39.3	36.3	20.0	17.0	26.0	536
300	34.3	16.8	38.1	35.1	18.5	15.5	25.2	536
400	40.1	15.9	36.3	33.3	16.0	13.0	24.0	536
500	45.3	15.2	34.8	31.8	14.0	11.0	23.0	536

\* Frequency performance values are assumed to be met by design

## Ordering Information (305m Reel in a Box):

Part No.	Description
XX6A0001Z	Maxxam Cat 6A U/FTP Shielded Cable CPR Euroclass Dca-s1,d2,a1 - Ice Blue
XX6A0004	Maxxam Cat 6A U/FTP Shielded Cable CPR Euroclass B2ca-s1a,d1,a1- Ice Blue

## 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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