

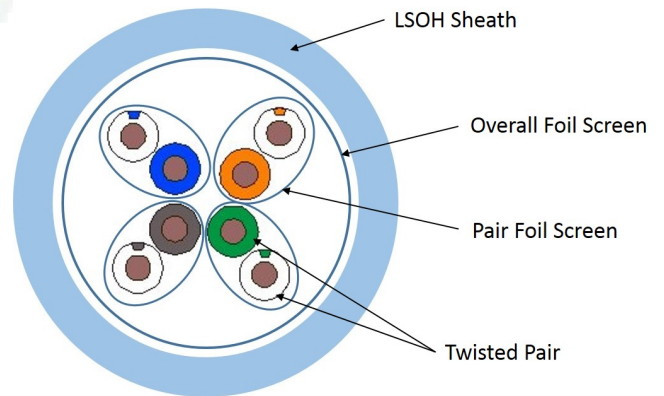
Maxxam Cat6a U/FTP Solid Ice Blue LSOH Cable - Dca



- ➔ U/FTP construction
- ➔ Small Overall Diameter
- ➔ Excellent Crosstalk Performance
- ➔ 305m Reel-in-a-Box
- ➔ CPR Compliant to Dca-s1a,d1,a1 Standards

Features:

- ➔ U/FTP Construction.
- ➔ Ice Blue LSOH Sheath.
- ➔ 7.3mm Overall Diameter.
- ➔ Excellent NEXT and Alien Crosstalk Performance.
- ➔ Meter 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 Cat6a U/FTP 4 Pair Shielded Cable offers Cat 6A standard compliant performance and supports high speed protocols up to 10G Ethernet. The cable can be used for permanent installations and flood wiring of buildings and supports all the IP applications designed to run over Cat6a.

The U/FTP construction consists of eight colour coded 23AWG polyethylene insulated conductors which are twisted together into 4 individually shielded pairs. This ensures excellent NEXT performance whilst eliminating the risk of Alien crosstalk.

Supplied in 305m Reel-in-a 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	7.3mm
Sheath Material	LSZH, IEC60332-1
Conductor Material	Bare Solid Copper, 23AWG
Drain Wire	Tin Plated Copper, 0.43mm
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 15 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	45 nsecs/100m
Nominal Velocity of Propagation (NVP)	74%

Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ELFEXT	PSELFEXT	TCL	Prop. Delay
MHz	max .dB/100m	min. dBat20°C	min. dB	min. dB	min. dB	min. dB	min. dB	max. ns
1*		20.0	74.3	72.3	67.8	64.8	40.0	570
4*	3.8	23.0	65.3	63.3	55.8	52.8	40.0	552
8	5.3	24.5	60.8	58.8	49.7	46.7	40.0	547
10	5.9	25.0	59.3	57.3	47.8	44.8	40.0	545
16	7.5	25.0	56.2	54.2	43.7	40.7	38.0	543
20	8.4	25.0	54.8	52.8	41.8	38.8	37.0	542
25	9.4	24.3	53.3	51.3	39.8	36.8	36.0	541
31.25	10.5	23.6	51.9	49.9	37.9	34.9	35.0	540
62.5	15.0	21.5	47.4	45.4	31.9	28.9	32.0	539
100	19.1	20.1	44.3	42.3	27.8	24.8	30.0	538
200	27.6	18.0	39.8	37.8	21.8	18.8	27.0	537
250	31.1	17.3	38.3	36.3	19.8	16.8	26.0	536
300	34.3	16.8	37.1	35.1	18.3	15.3	25.2	536
400	40.1	15.9	35.3	33.3	15.8	12.8	24.0	536
500	45.3	15.2	33.8	31.8	13.8	10.8	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 Cat6a Ice Blue U/FTP LSOH 23AWG Solid Dca 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.

