

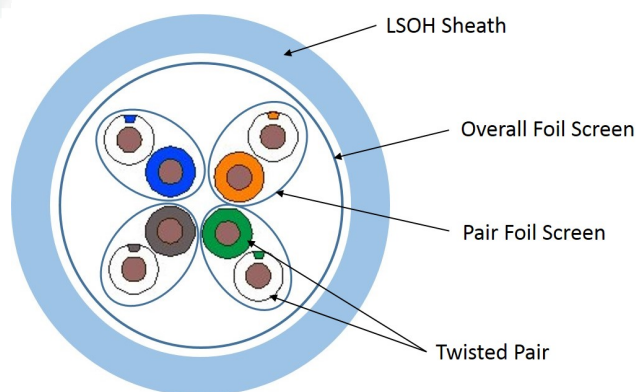
Maxxam Cat6a F/FTP Solid Ice Blue LSOH Cable - B2ca



- ➔ **Component Compliant**
- ➔ **Small Overall Diameter**
- ➔ **Excellent Crosstalk Performance**
- ➔ **305m Reel-in-a-Box**
- ➔ **CPR Complaint Versions to B2ca-s1a, d1, a1 Standards**

Features:

- ➔ F/FTP Construction.
- ➔ Ice Blue LSOH Sheath.
- ➔ 7.5mm Overall Diameter (B2ca version).
- ➔ Excellent NEXT and Alien Crosstalk Performance.
- ➔ Meter marked from 305m to 1m for easy assessment of remaining cable.
- ➔ Supplied in 305m boxes for ease and speed of installation.
- ➔ Independently verified standards performance compliance.



Product Overview:

The Maxxam Cat6a F/FTP Shielded Cable offers Cat6a standard 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 F/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 7.5mm enables tighter bend radii (just 30mm 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 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	7.5mm (B2ca version)
Sheath Material	LSOH, IEC60332-1
Conductor Material	Bare Copper, 23AWG
Drain Wire	Tin Plated Copper, 0.45mm
Pulling Force	Max. 100N
Mean Characteristic Impedance	100 Ohms \pm 5 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	\leq 45 nsecs/100m
Nominal Velocity of Propagation (NVP)	74%
CPR Rating	B2ca

Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ELFEXT	PSELFEXT
MHz	max. dB/100m	min. dBat20°C	min. dB	min. dB	min. dB	min. dB
1	2.1	20.0	74.3	72.3	67.8	64.8
4	3.8	23.0	65.3	63.3	55.8	52.8
8	5.3	24.5	60.8	58.8	49.7	46.7
10	5.9	25.0	59.3	57.3	47.8	44.8
16	7.5	25.0	56.2	54.2	43.7	40.7
20	8.4	25.0	54.8	52.8	41.8	38.8
25	9.4	24.3	53.3	51.3	39.8	36.8
31.25	10.5	23.6	51.9	49.9	37.9	34.9
62.5	15.0	21.5	47.4	45.4	31.9	28.9
100	19.1	20.1	44.3	42.3	27.8	24.8
200	27.6	18.0	39.8	37.8	21.8	18.8
250	31.1	17.3	38.3	36.3	19.8	16.8
300	34.3	16.8	37.1	35.1	18.3	15.3
500	45.3	15.2	33.8	31.8	13.8	10.8

Ordering Information:

Part No.	Description
XX6A0009	Maxxam Cat6a Ice Blue F/FTP LSOH 23AWG Solid B2caCable 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.

