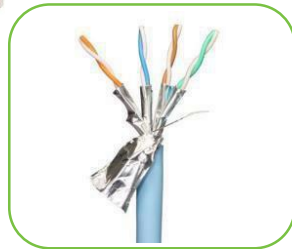


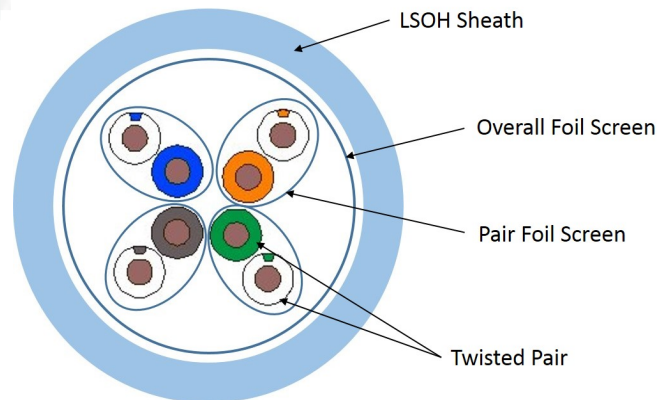
Maxxam Cat6a F/FTP Solid Ice Blue LSOH Cable - Dca



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

Features:

- F/FTP Construction.
- Ice Blue LSOH Sheath.
- 7.5mm Overall Diameter (Dca 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 4 Pair Shielded Cable offers Cat6a 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 IP applications designed to run over Cat6a.

The F/FTP construction consists of eight colour coded 23AWG polyethylene insulated conductors which are twisted together into 4 pairs. These are then shielded as pairs and are surrounded by a foil shield that 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	7.5mm (Dca version)
Sheath Material	LSOH,IEC60332-1
Conductor Material	Solid 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	DCA

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
XX6A0005	Maxxam Cat6a Ice Blue F/FTP LSOH 23AWG Solid Dca 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.

