

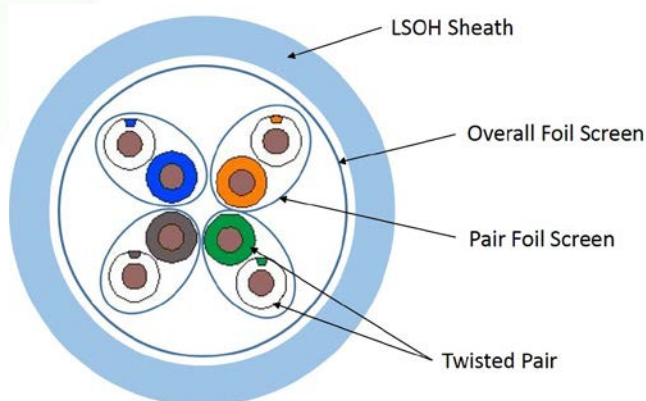
## Maxxam Cat 6A F/FTP Cable



- **Component compliant**
- **Small Overall Diameter**
- **Excellent Crosstalk Performance**
- **305m Reel-in-a-Box**

### Features:

- F/FTP Construction
- Ice Blue LSZH Sheath
- 7.5mm Overall Diameter
- Excellent NEXT and Alien Crosstalk Performance
- Metre 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 Cat 6A F/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 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 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>	7.5mm
<b>Sheath Material</b>	LSZH
<b>Conductor Material</b>	Bare Copper, 23AWG
<b>Drain Wire</b>	Tin Plated Copper, 0.45mm
<b>Pulling Force</b>	Max. 100N
<b>Mean Characteristic Impedance</b>	100 Ohms $\pm$ 5 Ohms @ 100MHz
<b>Max. Delay Skew @ 100MHz</b>	$\leq$ 45 nsecs/100m
<b>Nominal Velocity of Propagation (NVP)</b>	74%

## Transmission Characteristics:

<b>Freq.</b>	<b>Attenuation</b>	<b>RL</b>	<b>NEXT</b>	<b>PS-NEXT</b>	<b>ELFEXT</b>	<b>PSELFEXT</b>
MHz	max. dB/100m	min. dB at 20°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:

<b>Part No.</b>	<b>Description</b>
XX6A0005	Maxxam Cat 6A F/FTP Shielded Cable (305m Box)

## 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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