

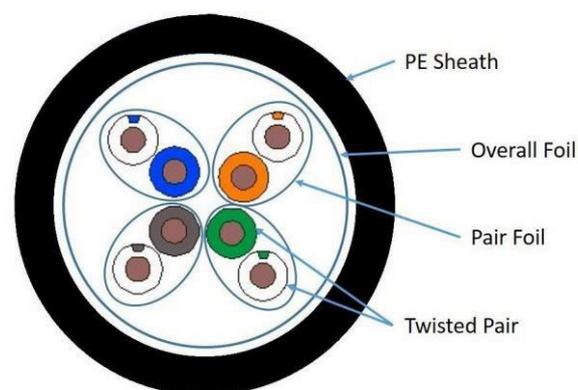
Maxxam Cat6a F/FTP XTREME Black Outdoor Ethernet Cable



- Suitable for External Applications
- Small Overall Diameter
- Excellent Crosstalk Performance
- 305m Reel-in-a-Box
- CPR Compliant Version to Fca-s1a,d1,a1 Standards

Features:

- F/FTP Construction.
- Black PE Sheath.
- 7.5mm Overall Diameter.
- Excellent NEXT and Alien Crosstalk Performance.
- Supplied in 305m boxes for ease and speed of installation.



Product Overview:

The Maxxam Cat6a F/FTP Shielded Cable offers Cat6a 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.

Ideal for applications such as externally mounted IP security cameras and wireless access points as well as for links to remote buildings.

Technical Data:

Standards Compliant	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
Overall Diameter	7.5mm
Sheath Material	PE, LDPE
Conductor Material	Bare Copper, 23AWG
Drain Wire	Tin Plated Copper, 0.45mm
Pulling Force	Max. 110N
Mean Characteristic Impedance	100 Ohms \pm 5 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	\leq 45 nsecs/100m
Nominal Velocity of Propagation (NVP)	74%

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
XX6A0006	Maxxam Cat 6A F/FTP XXtreme Outdoor Ethernet 23AWG 305m Reel in Box - Black

Maxxam offers a comprehensive range of high performance copper and fibre optic cabling solutions backed up with industry leading service and support.

