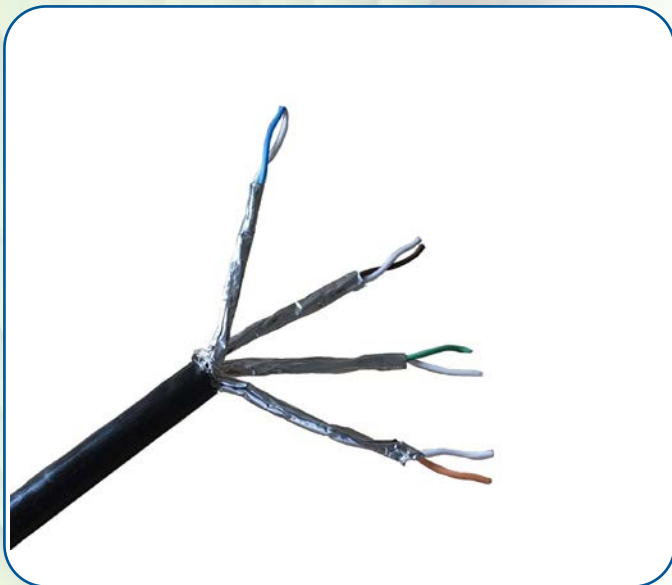


Maxxam Cat 6A S/FTP External Cable

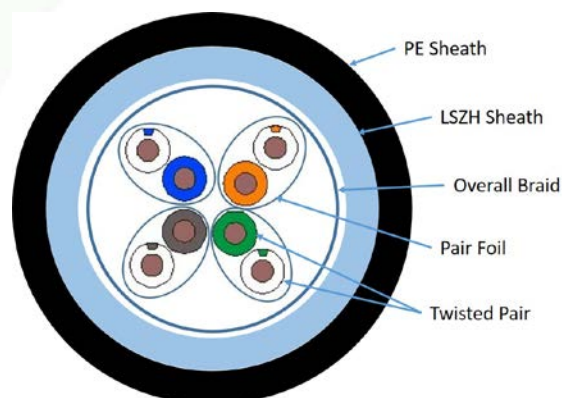


- External grade Cat 6A cable
- Waterproof PE sheath
- Small Overall Diameter
- Excellent Crosstalk Performance
- 500m Reel



Features:

- S/FTP Construction
- Black PE Sheath
- Suitable for use in external ducts
- 8.5 mm Overall Diameter
- Excellent NEXT and Alien Crosstalk Performance
- Supplied in 500m wooden reels



Product Overview:

The Maxxam Cat 6A S/FTP External Cable offers 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.

Suitable for installation in external ducts the Maxxam Cat 6A S/FTP External Cable is ideally suited for links between buildings or connections to POE powered IP security cameras and Wireless Access Points (WAPs).

The S/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 and mean that a much lower twist rate on the pairs can be used when compared to a U/UTP or F/UTP construction, thus making termination quicker and easier. The individually foil shielded pairs, together with the overall braid, eliminate the risk of Alien crosstalk and signal disruption from other sources of Electromagnetic Interference (EMI). The overall diameter of just 8.5mm enables tighter bend radii (just 34mm after installation) and facilitates the installation of more cables in a given size of containment when compared to cables with an F/UTP construction.

Technical Data:

Standards Compliant	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
Overall Diameter	8.5 mm
Sheath Material	Polyethylene (PE)
Conductor Material	Bare Copper, 23AWG
Braid	Steel clad copper
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 5 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	45 nsecs/100m
Nominal Velocity of Propagation (NVP)	80%
Drum Dimensions	440mm Diameter x 300mm Wide
Drum Weight	28.8kg

Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ACR	PSACR	TCL	Prop. Delay
MHz	max .dB/100m	min. dB at 20°C	min. dB	min. dB	min. dB	min. dB	min. dB	max. ns
1*	2.1	20.0	75.0	72.3	68.0	65.0	40.0	570
4*	3.8	23.0	66.3	63.3	56.0	53.0	40.0	552
8	5.3	24.5	61.8	58.8	49.9	46.9	40.0	547
10	5.9	25.0	60.3	57.3	48.0	45.0	40.0	545
16	7.5	25.0	57.2	54.2	43.9	40.9	38.0	543
20	8.4	25.0	55.8	52.8	42.0	39.0	37.0	542
25	9.4	24.3	54.3	51.3	40.0	37.0	36.0	541
31.25	10.5	23.6	52.9	49.9	38.1	35.1	35.0	540
62.5	15.0	21.5	48.4	45.4	32.1	29.1	32.0	539
100	19.1	20.1	45.3	42.3	28.0	25.0	30.0	538
200	27.6	18.0	40.8	37.8	22.0	19.0	27.0	537
250	31.1	17.3	39.3	36.3	20.0	17.0	26.0	536
300	34.3	16.8	38.1	35.1	18.5	15.5	25.2	536
400	40.1	15.9	36.3	33.3	16.0	13.0	24.0	536
500	45.3	15.2	34.8	31.8	14.0	11.0	23.0	536

* Frequency performance values are assumed to be met by design

Ordering Information:

Part No.	Description
XX6A0007	Maxxam Cat 6A S/FTP External Cable (500m Reel)

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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