

Maxxam Cat 6A S/FTP Cable

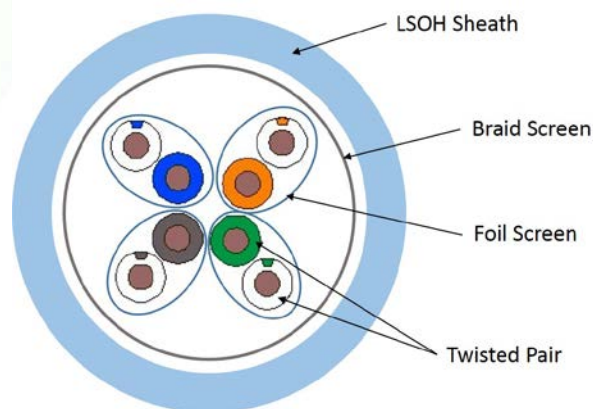


- Independently verified performance
- Component compliant
- Small Overall Diameter
- Excellent Crosstalk Performance
- 500m Reel



Features:

- S/FTP Construction
- Ice Blue LSZH Sheath
- 7.3mm Overall Diameter
- Excellent NEXT and Alien Crosstalk Performance
- Metre marked from 500m to 1m for easy assessment of remaining cable
- Supplied in 500m wooden reels
- Independently verified standards performance compliance



Product Overview:

The Maxxam Cat 6A S/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 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 7.1mm enables tighter bend radii (just 28mm 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 on 500m reels, the 500m to 1m cable metre marking makes it easy to determine precisely how much cable remains on the reel.

Technical Data:

Standards Compliant	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
Overall Diameter	7.3mm
Sheath Material	LSZH
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 ± 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
XX6A0002	Maxxam Cat 6A S/FTP Shielded 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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