

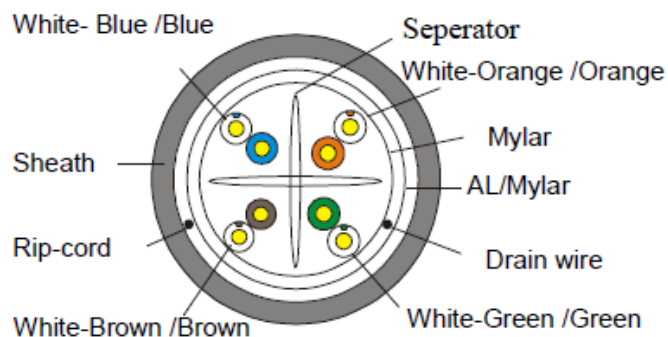
## Maxxam Cat6 F/UTP Solid Grey LSOH Cable - Dca



- ➔ Standards Compliant
- ➔ Small Overall Diameter
- ➔ Excellent Crosstalk Performance
- ➔ 305m Reelex Box
- ➔ CPR Compliant to Dca-s1a,d1,a1 Standards

### Features:

- ➔ F/UTP Construction
- ➔ LSOH Grey Sheath
- ➔ 7.4mm Outer Diameter
- ➔ Excellent NEXT and Return Loss
- ➔ Performance Meter marked from 305m to 1m for easy assessment of remaining cable
- ➔ Supplied in 305m 'Reelex' box for ease and speed of installation



### Product Overview:

The Maxxam Cat6 F/UTP 4 Pair Shielded Cable offers Cat6 standard compliant performance and supports high speed protocols up to 1G Ethernet.

The cable can be used for permanent installations and flood wiring of buildings and supports all the IP applications designed to run over Cat6.

The U/UTP construction consists of eight colour coded 24AWG polyethylene insulated conductors which are twisted together into 4 pairs and is surrounded by a foil shield and placed around a central plastic separator that ensures excellent NEXT performance.

Supplied in 305m Reelex Box, multiple cables are easily installed without the need for axle stands. The 305m to 1m cable meter markings also makes it easier 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	7.4mm (Dca Version)
Sheath Material	LSOH, IEC60332-1
Conductor Material	Bare Solid Copper, 24AWG
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 $\pm$ 15 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	45 nsecs/100m
DC Resistance ( $\Omega$ /100m) Max	9.38

### Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ELFEXT	PSELFEXT	Prop. Delay
MHz	max. dB/100m	min. dBat20°C	min. dB	min. dB	min. dB	min. dB	max. ns
1		20.0	74.3	72.3	67.8	64.8	570
4	3.78	23.0	65.3	63.3	55.8	52.8	552
8	5.32	24.5	60.8	58.8	49.7	46.7	547
10	5.95	25.0	59.3	57.3	47.8	44.8	545
16	7.55	25.0	56.2	54.2	43.7	40.7	543
20	8.47	25.0	54.8	52.8	41.8	38.8	542
25	9.51	24.3	53.3	51.3	39.8	36.8	541
31.25	10.67	23.6	51.9	49.9	37.9	34.9	540
62.5	15.38	21.5	47.4	45.4	31.9	28.9	539
100	19.80	20.1	44.3	42.3	27.8	24.8	538
200	28.98	18.0	39.8	37.8	21.8	18.8	537
250	32.85	17.3	38.3	36.3	19.8	16.8	536

### Ordering Information:

Part No.	Description
XX60009	Maxxam Cat6 Grey F/UTP LSOH 24AWG Solid Dca Cable 305m Reelex Box

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

