

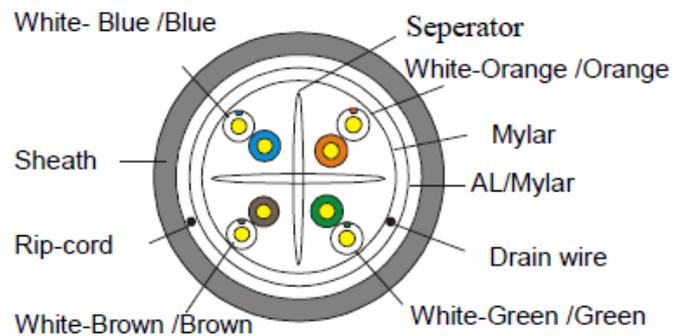
Maxxam Cat6 F/UTP Solid Grey LSOH Cable - Dca



- 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 constructions 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 ± 15 Ohms @ 100MHz |
| Max. Delay Skew @ 100MHz | 45 nsecs/100m |
| DC Resistance (Ω/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.

