

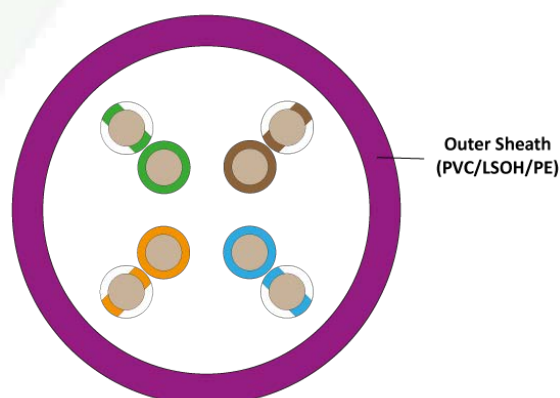
Maxxam Cat5e U/UTP Solid Violet LSOH Cable - Dca



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

Features:

- ➔ U/UTP Construction
- ➔ Violet LSOH Sheath
- ➔ 5.0mm Overall 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 Cat 5e U/UTP 4 Pair Unshielded Cable offers Cat5e standards 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 Cat5e.

The U/UTP construction consists of eight colour coded 24AWG polyethylene insulated conductors which are twisted together into 4 pairs.

The overall diameter of just 5mm enables tighter bend radii (just 24mm after installation) and facilitates the installation of more cables in a given size of containment.

Supplied in 305m Reelex Box, multiple cables are easily installed without the need for axle stands and the 305m to 1m cable meter marking makes it easy 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 | 5.0mm |
| Sheath Material | LSOH, IEC60332-1 |
| Conductor Material | Solid Bare Copper, 24AWG |
| Insulation | HDPE |
| 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 (Ω /100m) Max | 9.5 |

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 | 2.0 | 20.0 | 65.3 | 62.3 | 63.8 | 60.8 | 570 |
| 4 | 4.1 | 23.0 | 56.3 | 53.3 | 51.8 | 48.8 | 552 |
| 8 | 5.8 | 24.5 | 51.8 | 48.8 | 45.7 | 42.7 | 547 |
| 10 | 6.5 | 25.0 | 50.33 | 47.3 | 43.8 | 40.8 | 545 |
| 16 | 8.2 | 25.0 | 47.2 | 44.4 | 39.7 | 36.7 | 543 |
| 20 | 9.3 | 25.0 | 45.8 | 42.8 | 37.8 | 34.8 | 542 |
| 25 | 10.4 | 24.3 | 44.3 | 41.3 | 35.8 | 32.8 | 541 |
| 31.25 | 11.7 | 23.6 | 42.9 | 39.9 | 33.9 | 30.9 | 540 |
| 62.5 | 17.0 | 21.5 | 38.4 | 35.4 | 27.9 | 24.9 | 539 |
| 100 | 22.0 | 20.1 | 35.3 | 32.3 | 23.8 | 20.8 | 538 |

Ordering Information:

| Part No. | Description |
|----------|---|
| XX5E0001 | Maxxam Cat 5e Violet U/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.

