

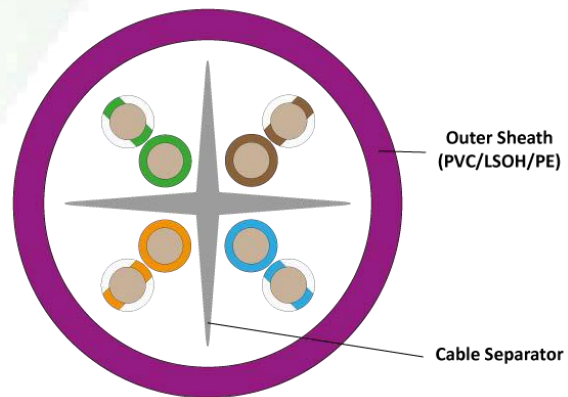
Maxxam Cat6 U/UTP Solid Violet LSOH Cable - B2ca



- Standards Compliant
- Small Overall Diameter
- Excellent Crosstalk Performance
- 305m Reelex Box
- CPR Compliant Versions to B2ca-s1a,d1,a1 Standards

Features:

- U/UTP Construction
- LSOH Violet Sheath
- 6.6mm Overall Diameter (B2ca Version)
- 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 U/UTP 4 Pair Unshielded Cable offers Cat6 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 Cat6.

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

The overall diameter of just 6.6mm enables tighter bend radii 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	6.6mm (B2ca Version)
Sheath Material	LSOH, IEC60332-2
Conductor Material	Bare Solid Copper, 24AWG 0.53mm
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)	69%

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	2.03	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
XX60004	Maxxam Cat6 Violet U/UTP LSOH 24AWG Solid CPR B2ca Cable 305m Reel in Box

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

