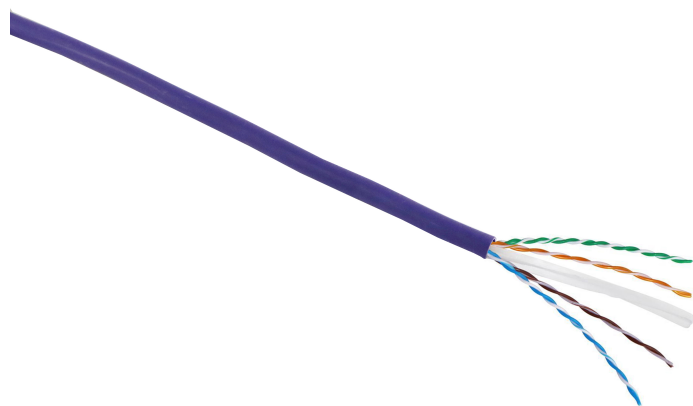


Category 6 Cable (24 AWG) U/UTP LS0H 305m Box

excel
without compromise.



- X Category 6
- X 24 AWG Copper conductor
- X ISO 11801 Compliant
- X LS0H
- X 25 Year Warranty
- X Sequential Metre Marking
- X CPR Compliant to Dca

Features

- Category 6
- 24 AWG
- ISO 11801
- LS0H
- 25 Year Warranty
- Sequential Metre Marking
- Fast Feed Box
- CPR Compliant to Dca

Product Overview

Excel Category 6 U/UTP reduced diameter cables are manufactured and tested to the TIA/EIA 568-B.2-1, EN50173-1 and ISO/ IEC 11801 Category 6 specifications. Each cable consists of 8 colour coded 24AWG polyethylene insulated conductors. These are twisted together to form 4 pairs with varying lay lengths. These pairs are then formed around a central 'X' shaped polyethylene filler. This filler assists in maintaining and enhancing the cables performance.

The printing detail along the outer sheath includes the cable part code, specification detail and our 305 to 0 metre marked system. As the cable is dispensed from the box the sequential marking counts down from 305 to 0 metres, as well as reducing waste and accounting easily for cables installed, this innovative print legend finally removes the guesswork from assessing the amount of cable remaining in partly used boxes.

Category 6 Cable (24 AWG) U/UTP LS0H 305m Box



Product Specification

Item	Value
Conductor Material	100% solid annealed copper
Conductor Diameter	0.54mm +/- 0.01mm (24AWG)
Insulation	PE
Insulation Diameter	0.95±0.05mm
Outer Sheath Material	Low Smoke Zero Halogen (LS0H)
Cable OD	5.4±0.3 mm
Maximum Conductor DC Resistance	95Ω/Km
Nominal Velocity of Propagation (NVP)	69%
Operating temperature Range	-10C to +60C
Flammability resistance	IEC 60332-1
Halogen Acidity	IEC 60754-1,2
Smoke Performance	IEC 61034-1,2
Minimum Bend Radius during installation	48mm
Minimum Bend Radius Installed	24mm

Category 6 Cable (24 AWG) U/UTP LS0H White 305m Box



IEC 61156-5 ed2.0 Category 6 horizontal cable parameters

Freq. (MHz)	Ins. Loss (dB/100m)	RL (dB)	Pair to Pair		Power Sum		Po. Delay (ns/100)
			NEXT	ELFEXT	NEXT	ELFEXT	
			(dB/100m)		(dB/100m)		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1	2.1	20	75.0	68.0	72.3	65.0	570.0
4	3.8	23	66.3	56.0	63.3	53.0	552.0
10	6.0	25	60.3	48.0	57.3	45.0	545.4
16	7.6	25	57.2	43.9	54.2	40.9	543.0
20	8.5	25	55.8	42.0	52.8	39.0	542.0
31.25	10.7	23.6	52.9	38.1	49.9	35.1	540.4
62.5	15.5	21.5	48.4	32.1	45.4	29.1	538.6
100	19.9	20.1	45.3	28.0	42.3	25.0	537.6
200	29.1	18	40.8	22.0	37.8	19.0	536.5
250	33.0	17.3	39.3	20.0	36.3	17.0	536.3

Part Numbers

Part Number	Description
100-080-WT	Category 6 Cable (24 AWG) U/UTP LS0H White 305m Box
100-080	Category 6 Cable (24 AWG) U/UTP LS0H Violet 305m Box

System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.



Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at sales@excel-networking.com

