

BULK CAT5e CABLE

External Grade

Cat5e Solid UTP LSZH

External Grade Cat5e Cable supplied in a deployable box in 305m lengths. The cable sheathed with Polyethylene which is UV stable and suitable for outdoor installations.

This can withstand the outside elements, being a tough material resistant to water, moisture, oil and also aberration resistant. For added security, trunking or conduit can be used. Not Rodent proof! ISO 11801EIA/TIA 568A compliant.

APPLICATIONS

- Duct Grade Cable
- Token Ring

FEATURES

- UV and Moisture Resistant
- 'Fast Feed' Box

BENEFITS

- Metre markings for easy measuring

OPTIONS

- Suitable for 10 Base-T, 100 Base-TX and 1000 Base T

SPECIFICATIONS

Cable Characteristics

Polyethylene Outer Sheath Nominal Overall Diameter	5.2mm
Operation Temperature Range	-10°C to + 75 °C
Installing Minimum Bend Radius	41.6mm
Installed Minimum Bend Radius	20.8mm

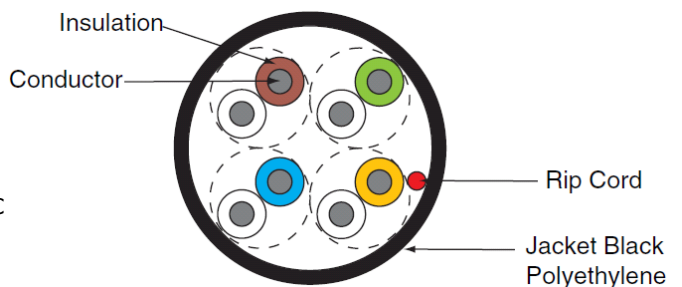
External Cat5e Product Overview

Category 5e UTP Cables are manufactured, tested and verified to the ISO11801 EIZ/TIA standards for enhanced performance Category 5e Cables.

Each Cable consists of 8 colour coded polyethylene insulated conductors. These pairs, together with a strong nylon rip cord are jacketed in a heat and UV, moisture resistance black polyethylene outer sheath, make this cable idea for outdoor installation. The cable has a unique printed 305-0 metre marking, allowing for quick and easy measurement of cable installed and the amount remaining within the box.

Due to the risk of lightning damage both ends of the cable must be fitted with equipment suitable of protecting the computer system and operators from a direct or indirect lightning strike. These devices are available in many forms, but are usually system specific and you will need to contact the manufacturer of these devices to ensure the requirements of the network are met.

Due to this we recommend the use of fibre optic cabling in all external cabling, any damage to a cabling system due to lightning strikes is solely at the risk of the installer.



ENHANCED CATEGORY 5 PERFORMANCE CHARACTERISTICS

FREQUENCY (MHZ)	ATTENUATION dB/100m MAX	NEXT dB MIN	PS-NEXT dB MIN	RL dB MIN	ELFEXT dB MIN	PS-ELFEXT dB MIN	IMPEDANCE (OHMS)	WP-ACR (dB/100m) MIN	PS-ACR dB/100m MIN
1	2.0	65.3	62.3	20.0	63.8	60.7	100±15	63.3	60.3
4	4.1	56.3	53.3	23.0	51.7	48.7	100±15	52.2	49.2
10	6.5	50.3	47.3	25.0	43.8	40.7	100±15	43.8	40.8
16	8.2	47.3	44.2	25.0	39.7	36.7	100±15	39.1	36
20	9.3	45.8	42.8	25.0	37.7	34.7	100±15	36.5	33.5
25	10.4	44.3	41.3	24.3	35.8	32.8	100±15	33.9	30.9
31.25	11.7	42.9	39.9	23.6	33.9	30.8	100±15	31.2	28.2
62.5	17	38.4	35.4	21.5	27.8	24.8	100±15	21.4	18.4
100	22	35.3	32.3	20.1	23.8	20.7	100±15	13.3	10.3