

# CAT 5E NON-BOOTED ETHERNET CABLES

The CAT 5E non-booted PVC ethernet cable from ProLabs is a robust and high-performance patch cable designed for demanding networking environments. This cable features RJ-45 (male) to RJ-45 (male) connectors and is non-booted, ensuring easy and quick connections without the added bulk of a boot.

## Features

- **High-Speed Connectivity:** The CAT 5E cable supports data transfer speeds of up to 1Gbps (Gigabit per second), and operates at a frequency of up to 100MHz with a range of up to 100 meters (328 feet). This makes it suitable for a variety of networking tasks, from simple internet browsing to more demanding applications like video streaming and online gaming.
- **Unshielded Twisted Pair (UTP):** The cable consists of pairs of insulated copper wires twisted together. This design helps to minimize electromagnetic interference (EMI) and crosstalk between pairs, ensuring a stable and reliable connection.
- **PVC-CM Jacket:** The cable is encased in a durable PVC-CM jacket, which is suitable for indoor use. This type of jacket is flexible and lightweight, making the cable easy to manage and install.
- **PoE Capable:** The cable supports Power over Ethernet (PoE), allowing it to transmit both data and power over a single cable. This is particularly useful for devices like IP cameras, VoIP phones, and wireless access points.
- **TIA Compliant:** The cable meets the standards set by the Telecommunications Industry Association (TIA), ensuring it performs reliably for all networking needs.

## Technical Specifications

Parameter	Specification
Boot Type:	No Boot
Connector Type:	RJ-45 (Male) to RJ-45 (Male)
Wire Gauge:	24AWG
Conductor Material:	Copper
Termination Type:	Straight
Shielding:	None (UTP)
Strain Relief:	No
Wire Scheme:	T568B

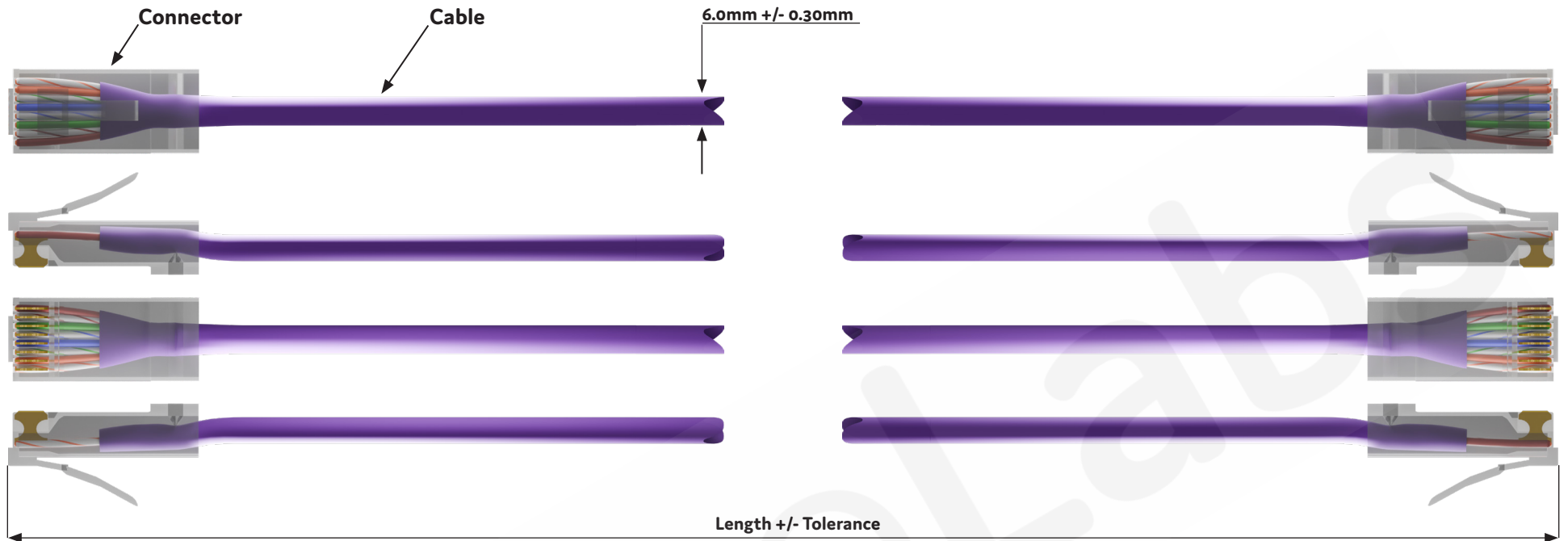


## Part Number Template

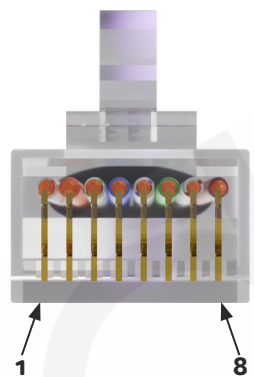
Color	Lengths
Red	C-xFCAT5ENB-RD
Orange	C-xFCAT5ENB-OE
Yellow	C-xFCAT5ENB-YW
Green	C-xFCAT5ENB-GN
Blue	C-xFCAT5ENB-BE
Purple	C-xFCAT5ENB-PE
Black	C-xFCAT5ENB-BK
Gray	C-xFCAT5ENB-GY
White	C-xFCAT5ENB-WE

For a full list of products, please visit us at [prolabs.com/copper](https://prolabs.com/copper)

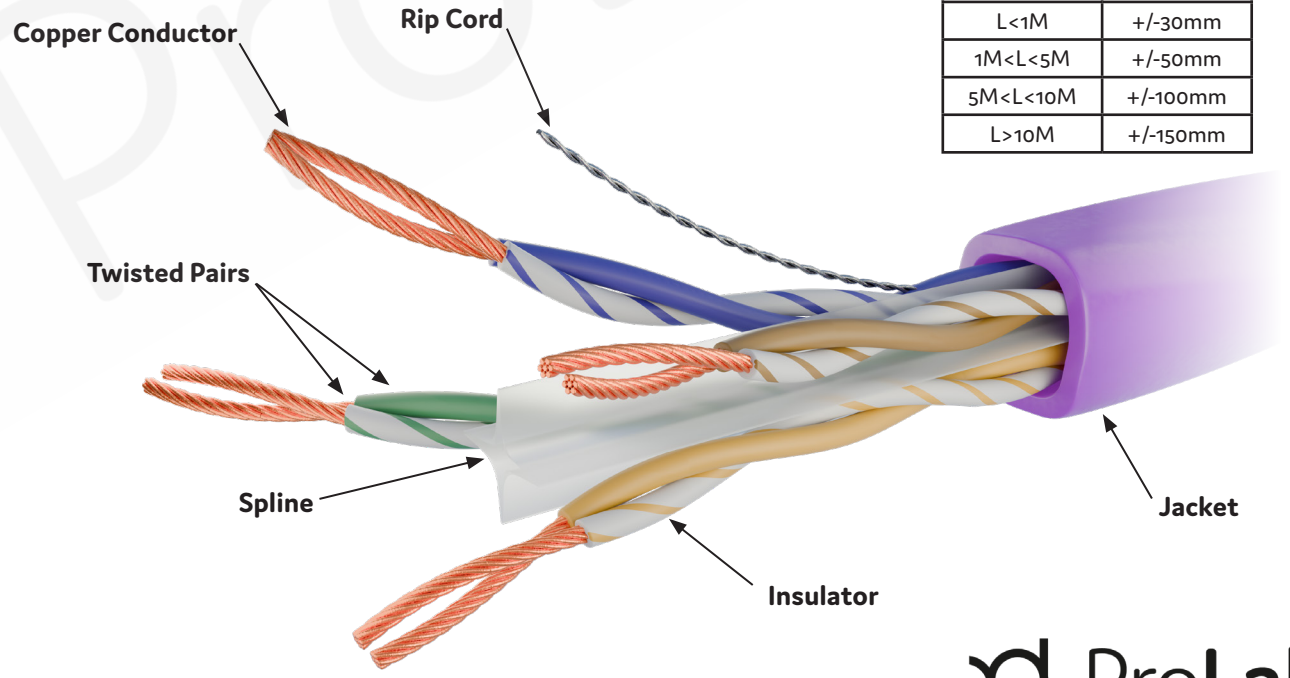
# Mechanical Specifications



Length	Tolerance
L<1M	+/-30mm
1M<L<5M	+/-50mm
5M<L<10M	+/-100mm
L>10M	+/-150mm



Color (T568B)	P1	Pairs	P2
WHITE/ORANGE	1	-----	1
ORANGE	2	-----	2
WHITE/GREEN	3	-----	3
BLUE	4	-----	4
WHITE/BLUE	5	-----	5
GREEN	6	-----	6
WHITE/BROWN	7	-----	7
BROWN	8	-----	8



ProLabs is a leading provider of optical networking solutions. For over two decades, we have delivered optical connectivity solutions that give customers freedom, choice, and seamless interoperability. We serve a diverse range of industries including enterprises, governments, and the largest worldwide service providers.

By championing higher standards for technology and service, ProLabs is changing the mindset of data centers and service providers the world over. We supply solutions that are 100% compatible in form and functionality across 100 OEM manufacturers, covering more than 20,000 systems and platforms.



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