

CAT 5E BUBBLE BOOT ETHERNET CABLES

The CAT 5E bubble boot 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 with a bubble boot molded locking tab protector, ensuring easy and quick connections.

Features

- **High-Speed Connectivity:** The CAT 5E cable supports data transfer speeds of up to 1 Gbps (Gigabits 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.



Part Number Template

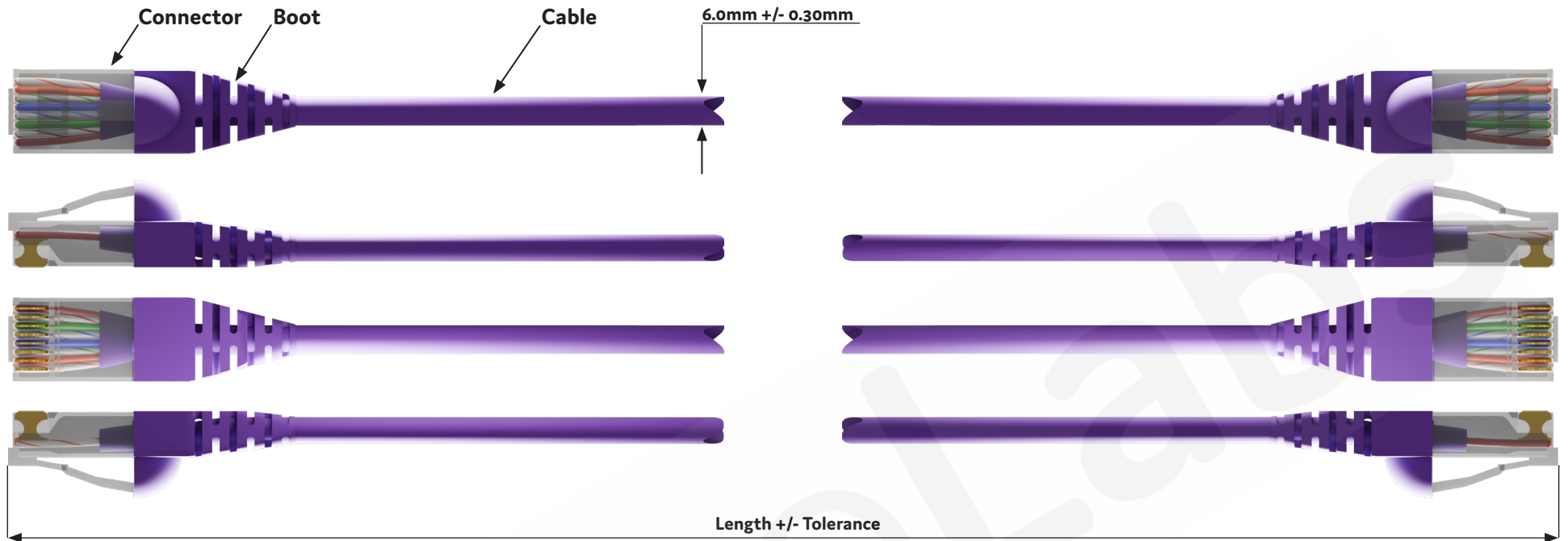
Color	Lengths
Red	C-xFCAT5E-RD
Orange	C-xFCAT5E-OE
Yellow	C-xFCAT5E-YW
Green	C-xFCAT5E-GN
Blue	C-xFCAT5E-BE
Purple	C-xFCAT5E-PE
Black	C-xFCAT5E-BK
Gray	C-xFCAT5E-GY
White	C-xFCAT5E-WE

Technical Specifications

Parameter	Specification
Boot Type:	Bubble Boot
Connector Type:	RJ-45 (Male) to RJ-45 (Male)
Wire Gauge:	24AWG
Conductor Material:	Copper
Termination Type:	Straight
Shielding:	None (UTP)
Strain Relief:	Yes
Wire Scheme:	T568B

For a full list of products, please visit us at prolabs.com/copper

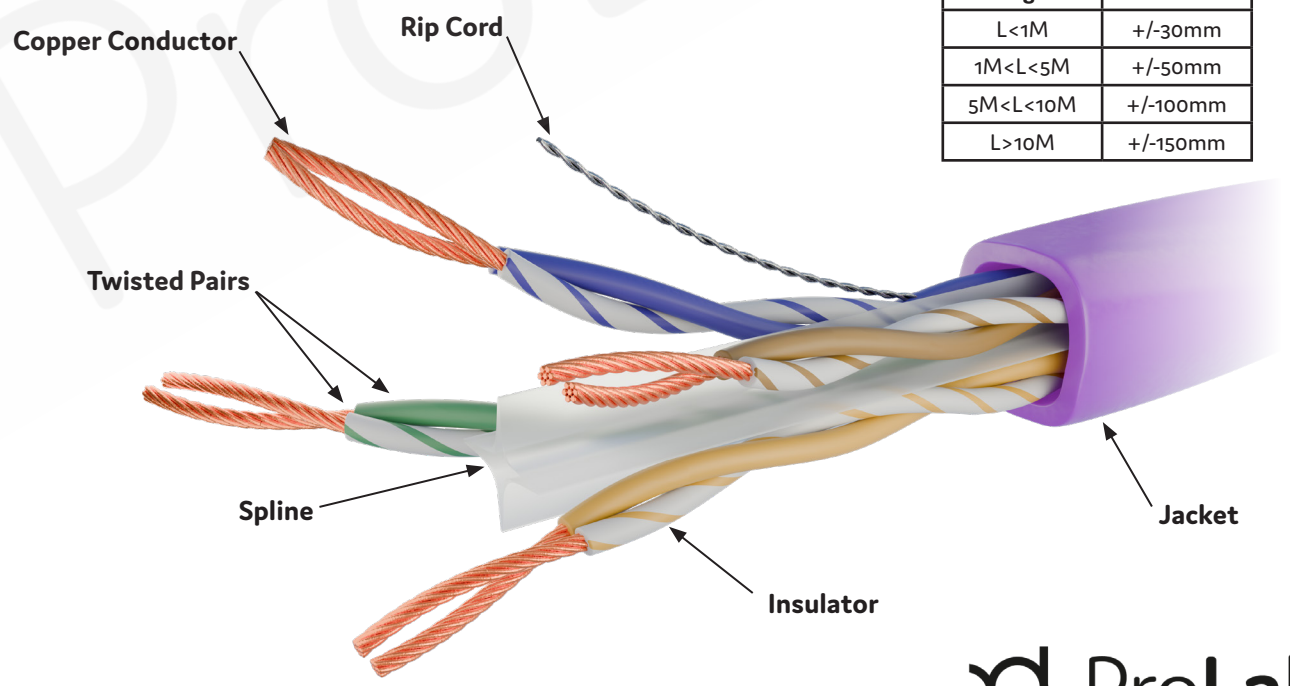
Mechanical Specifications



Length	Tolerance
$L < 1\text{M}$	$\pm 30\text{mm}$
$1\text{M} < L < 5\text{M}$	$\pm 50\text{mm}$
$5\text{M} < L < 10\text{M}$	$\pm 100\text{mm}$
$L > 10\text{M}$	$\pm 150\text{mm}$



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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