

CAT 8 EASY BOOT ETHERNET CABLES



The CAT 8 easy boot PVC ethernet cable from ProLabs is engineered for next-generation networking. This cable features RJ-45 (male) to RJ-45 (male) connectors, offering full backward compatibility, combining performance with seamless integration.

Features

- **Ultra-High-Speed Connectivity:** The CAT 8 cable supports data transfer speeds of up to 40 Gbps (Gigabits per second) and operates at a frequency of up to 2000 MHz with a range up to 30 meter(98 feet). This makes it ideal for the most demanding networking tasks, including large data transfers, high-definition video streaming, and online gaming.
- **Shielded Twisted Pair (S/FTP):** The cable consists of twisted pairs individually wrapped in foil, and enclosed in an additional foil shield. 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:	Easy Boot
Connector Type:	RJ-45 (Male) to RJ-45 (Male)
Wire Gauge:	24AWG
Conductor Material:	Copper
Termination Type:	Straight
Shielding:	S/FTP (Shielded Foilded Twisted Pair)
Strain Relief:	Yes
Wire Scheme:	T568B

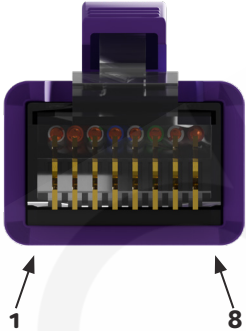
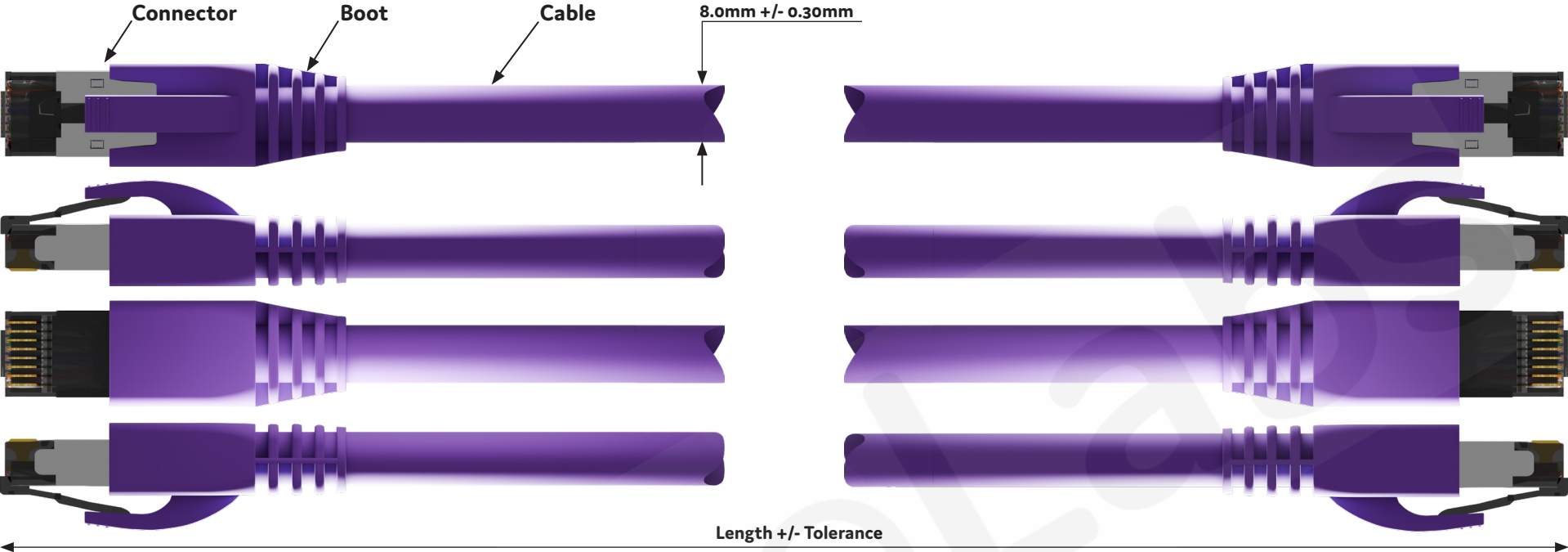


Part Number Template

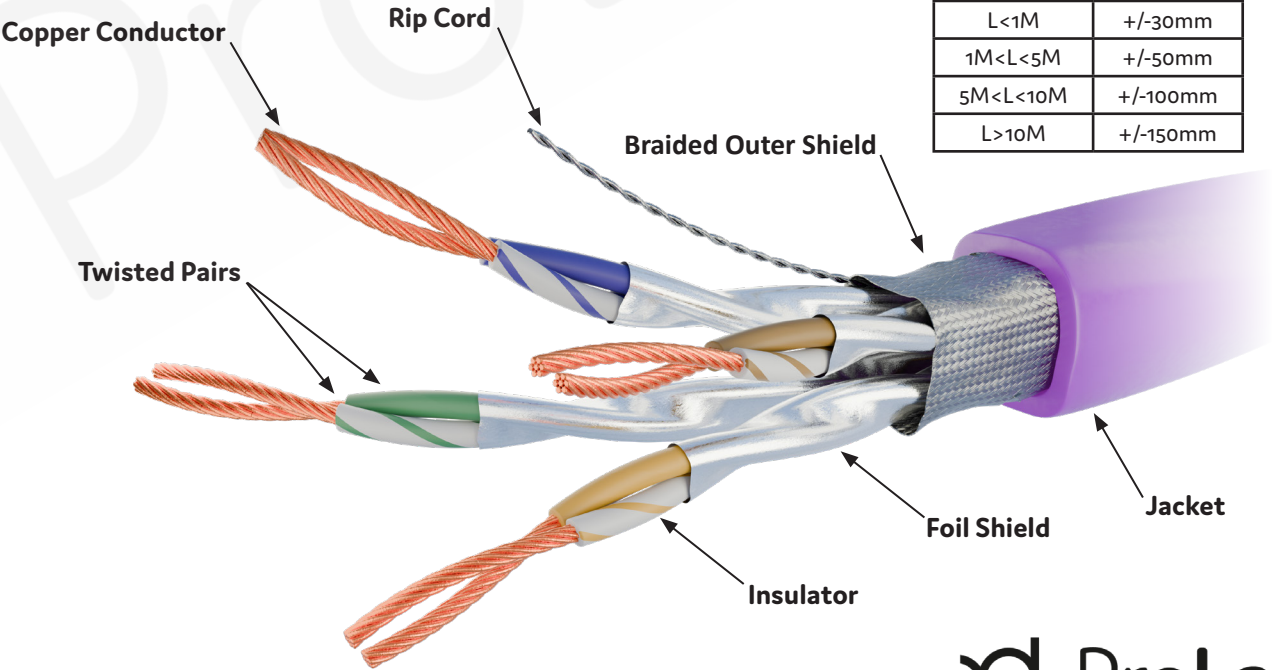
Color	Lengths
Red	C-xFCAT8-RD
Orange	C-xFCAT8-OE
Green	C-xFCAT8-GN
Blue	C-xFCAT8-BE
Purple	C-xFCAT8-PE
Black	C-xFCAT8-BK
Gray	C-xFCAT8-GY
White	C-xFCAT8-WE

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

Mechanical Specifications



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



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

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.



North America

sales@prolabs.com
+1 952 852 0252

EMEA

salesemea@prolabs.com
+44 1285 719 600

For more information, please visit www.prolabs.com

