CAT 8 EASY BOOT ETHERNET CABLES

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The CAT 8 easy boot PVC Ethernet Cable from AddOn 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 CAT8 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 ideal for indoor use. This type of jacket is flexible and lightweight, making the cable easy to manage and install.
- **PoE Capable:** The cable is capable of supporting 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

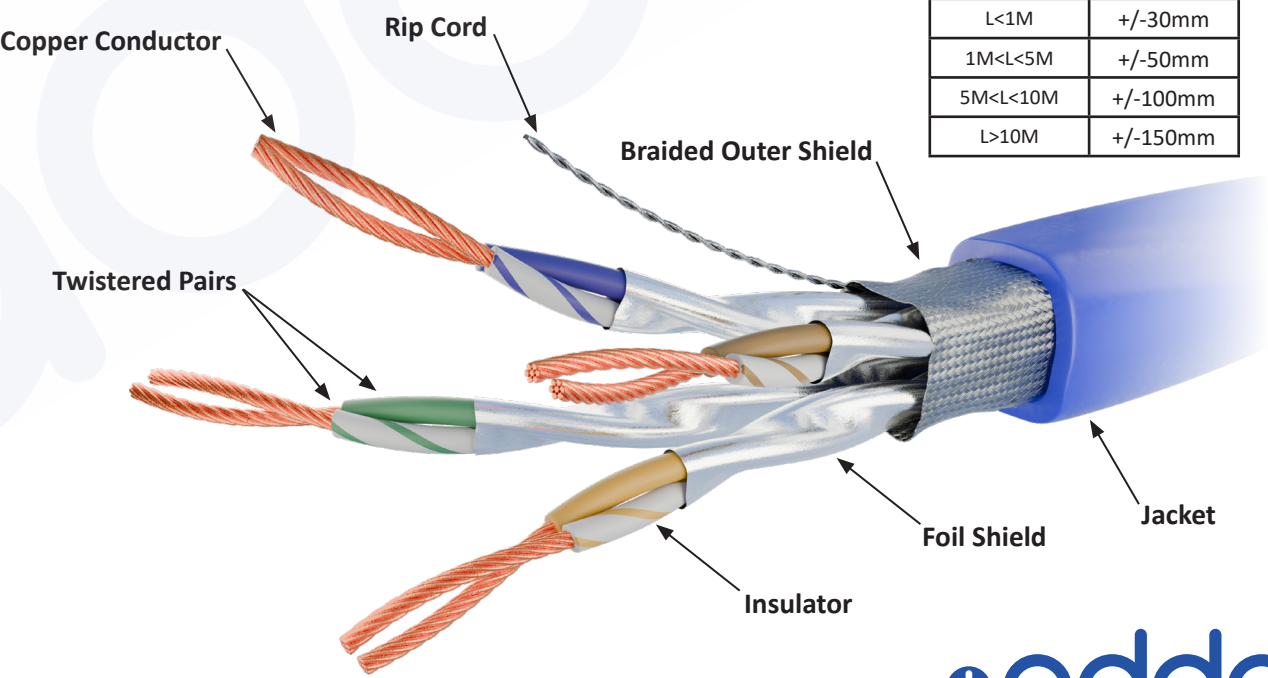| Parameter	Specification
Boot Type:	Easy Boot
Connector Type:	RJ-45 (Male) to RJ-45 (Male)
Wire Gauge:	24AWG
Conductor Material:	Copper
Termination Type:	Straight
Shielding:	S/FTP (Shielded Foilded Twisted Pair)
Strain Relief:	Yes
Wire Scheme:	T568B
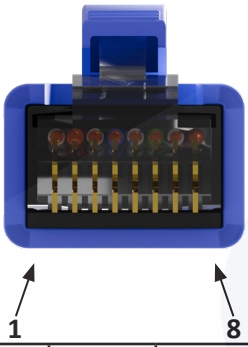
Part Number Template

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

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

Mechanical Specifications

Connector **Boot** **Cable** **8.0mm +/- 0.30mm**

Length +/- Tolerance

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

Copper Conductor **Rip Cord** **Braided Outer Shield**

Twistered Pairs

Insulator **Foil Shield** **Jacket**

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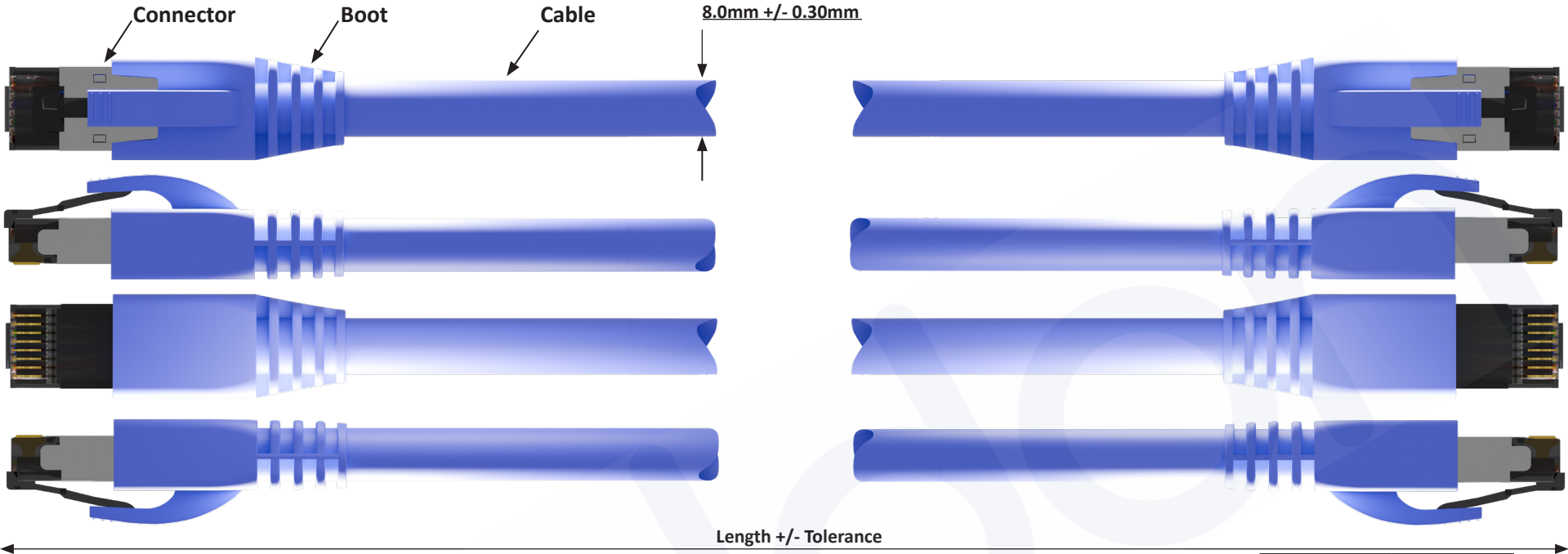
Color (T568B)	P1	Pairs	P2
WHITE/ORANGE	1	-------	1
ORANGE	2	-------	2
WHITE/GREEN	3	-------	3
BLUE	4	-------	4
WHITE/BLUE	5	-------	5
GREEN	6	-------	6
WHITE/BROWN	7	-------	7
BROWN	8	-------	8

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About AddOn Networks

AddOn Networks an Amphenol company, is the global leader in optical connectivity solutions serving data center, enterprise, government, education, and healthcare provider networks.

We operate in over 25 countries through long-standing commercial channels to provide continuity of supply and world-class service.

AddOn offers a full network catalog of optical transceivers and high-speed cabling which are 100% compatible in form and functionality across 100 OEM manufacturers, covering more than 20,000 systems and platforms. Certified solutions are backed by a lifetime warranty and 24/7/365 global field engineering support.

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