

# DATA SHEET

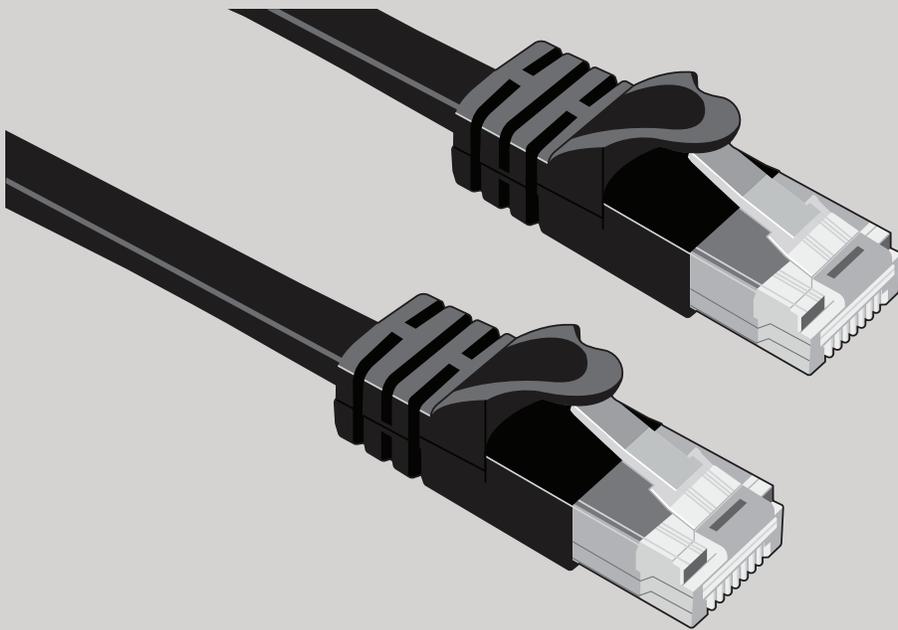
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CAT6APC SERIES, UNSHIELDED

# CAT6A NETWORK COPPER PATCH CABLE, UTP

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24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT [BLACKBOX.COM](http://BLACKBOX.COM)



# OVERVIEW

## CAT6A 500 MHZ STRANDED PATCH CABLE –UNSHIELDED (UTP), PVC, SNAGLESS BOOTS (CAT6APC SERIES)

### INTRODUCTION

Black Box® GigaTrue® Premium CAT6A Patch Cables exceed TIA/EIA 568.2-D CAT6A industry standards. Offering superior near-end crosstalk (NEXT) compared to standard CAT6A cable, these cables ensure transmission of your voice, data, AV, and/or PoE signals in bandwidth-intensive 10G networking applications. They feature a robust four-pair 24-AWG construction and 50-micron gold-plated contacts for superior conductivity. These cables also have connectors designed for an insertion and extraction life of 750 cycles, making for an ultra-reliable solution that you can count on to perform.

### FEATURES

- PREMIUM CABLE CONSTRUCTED TO EXCEED INDUSTRY STANDARDS.
- 50-MICRON GOLD-PLATED CONTACTS PROVIDE SUPERIOR CONDUCTIVITY.
- CABLING ETL VERIFIED TO ANSI/TIA 568.2-D.
- CONNECTOR DESIGNED FOR AN INSERTION AND EXTRACTION LIFE OF 750 CYCLES.
- THIS CABLE OFFERS SUPERIOR NEAR-END CROSSTALK (NEXT) COMPARED TO STANDARD CAT6A CABLE.
- SNAGLESS BOOTS PREVENT CONNECTOR DAMAGE DUE TO SNAGS DURING INSTALLATION.
- FLUSH FIT STRAIN RELIEF BOOT PERFECT FOR HIGH-DENSITY APPLICATIONS.

## SPECIFICATIONS

### SPECIFICATIONS FOR CAT6A CABLE

MODEL	COLOR	AWG	WIRE	SHIELD	JACKET	SNAGLESS	MOLDED PLUG	MHZ	LENGTH	50μ PLATING
CAT6APC-003-BK	Black	24	Stranded	No	CM	Yes	Yes	500	3 ft. (0.91 m)	Yes
CAT6APC-003-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	3 ft. (0.91 m)	Yes
CAT6APC-005-BK	Black	24	Stranded	No	CM	Yes	Yes	500	5 ft. (1.52 m)	Yes
CAT6APC-005-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	5 ft. (1.52 m)	Yes
CAT6APC-007-BK	Black	24	Stranded	No	CM	Yes	Yes	500	7 ft. (2.13 m)	Yes
CAT6APC-007-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	7 ft. (2.13 m)	Yes
CAT6APC-010-BK	Black	24	Stranded	No	CM	Yes	Yes	500	10 ft. (3.05 m)	Yes
CAT6APC-010-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	10 ft. (3.05 m)	Yes
CAT6APC-014-BK	Black	24	Stranded	No	CM	Yes	Yes	500	14 ft. (4.27 m)	Yes
CAT6APC-014-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	14 ft. (4.27 m)	Yes
CAT6APC-020-BK	Black	24	Stranded	No	CM	Yes	Yes	500	20 ft. (6.10 m)	Yes
CAT6APC-020-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	20 ft. (6.10 m)	Yes
CAT6APC-025-BK	Black	24	Stranded	No	CM	Yes	Yes	500	25 ft. (7.62 m)	Yes
CAT6APC-025-BL	Blue	24	Stranded	No	CM	Yes	Yes	500	25 ft. (7.62 m)	Yes



# ORDERING INFORMATION

CAT6A 500-MHZ STRANDED ETHERNET PATCH CABLE –UNSHIELDED (UTP), PVC, SNAGLESS BOOTS (CAT6APC SERIES)

LENGTH	COLOR	MODEL
3-ft.	Black	<b>CAT6APC-003-BK</b>
3-ft.	Blue	<b>CAT6APC-003-BL</b>
5-ft.	Black	<b>CAT6APC-005-BK</b>
5-ft.	Blue	<b>CAT6APC-005-BL</b>
7-ft.	Black	<b>CAT6APC-007-BK</b>
7-ft.	Blue	<b>CAT6APC-007-BL</b>
10-ft.	Black	<b>CAT6APC-010-BK</b>
10-ft.	Blue	<b>CAT6APC-010-BL</b>
14-ft.	Black	<b>CAT6APC-014-BK</b>
14-ft.	Blue	<b>CAT6APC-014-BL</b>
20-ft.	Black	<b>CAT6APC-020-BK</b>
20-ft.	Blue	<b>CAT6APC-020-BL</b>
25-ft.	Black	<b>CAT6APC-025-BK</b>
25-ft.	Blue	<b>CAT6APC-025-BL</b>

ACCESSORIES	
NAME	MODEL
CAT6A Keystone Jack - Unshielded, RJ-45, Blue	C6AJA70-BL-R2
CAT6A Keystone Jack - Unshielded, RJ-45, Blue, 25-Pack	C6AJA70-BL-R2-25PAK
CAT6A Staggered Feed-Through Patch Panel - 2U, Shielded, 48-Port	C6AFP70S-48
CAT6A Staggered Multimedia Patch Panel - 1U, Blank, 24-Port	C6AMP70-24
CAT6A Staggered Multimedia Patch Panel - 2U, Blank, 48-Port	C6AMP70-48
CAT6A Component Level 110 Patch Panel - 1U, Rackmount, PoE+, 24-Port	C6APP70-24

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