Black Box® GigaTrue® CAT6 550-MHz Solid Bulk Cable (UTP)
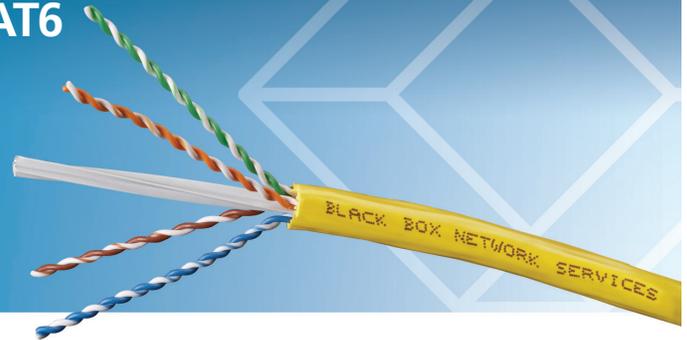
Our 550-MHz cable exceeds CAT6 with plenty of headroom.

CAT6

ABSOLUTELY
GUARANTEED
FOR LIFE

BLACK BOX NETWORK SERVICES

Features

- Guaranteed to exceed ANSI/TIA/EIA-568-C.2. CAT6 and ISO/IEC 11801 Class E requirements.
- Cable is marked in two-foot increments.
- Easy to dispense pull box.
- Designed for high-end applications.
- Polyester rip cord.
- Double Diamond™ Warranty: Lifetime

Applications

- High-performance network applications for:
  - Backbone
  - Floor-to-floor backbone
  - Horizontal cabling to desktop
  - Active zone cabling
- High-performance digital video applications

Compliance

- ICEA S-90-661 (Category 5X-160)
- ISO/IEC 11801 Class E
- ANSI/TIA/EIA-568-C.2
- PVC: CMR, UL® 1666; Plenum: CMP, NFPA 262

Specifications

Characteristic Impedance: 1–550 MHz: 100 ± 15 ohms
Conductor: 23 AWG, solid, bare copper
Delay Skew (Maximum): 25 ns/100 m
Input Impedance: 1–250 MHz: 100 ± 15 ohms
Return Loss (Minimum): 20.1 dB @ 100 MHz; 14.9 dB @ 550 MHz
Velocity of Propagation (Minimum): 62.2% @ 550 MHz

INTERTEK
ETL
VERIFIED

The backbone of your channel solution.

GigaTrue® 550 CAT6, 550-MHz Solid Bulk Cable (UTP) is designed for use in high-performance data and video networks and other high-speed, high-bandwidth applications. It offers a great deal of headroom over the specification, giving you lots of room for expansion.

Easy pull.

This cable comes in easy-to-use pull-boxes and features the Accu-Pull Measuring System. The cable is marked in descending two-foot increments so you always know exactly how much cable is in the box.

Construction facts.

The PVC cable features a flame-retardant PVC jacket and polyolefin insulation. The plenum cable features a Flexguard® flame-retardant PVC jacket with a flame-retardant polymer and FEP insulation.

Guaranteed for life.

To fully back up our claims of quality, we guarantee—for life—this cable and all the products in our GigaTrue line.

Proven performance.

You can be assured of proven performance as Black Box has its products independently tested by InterTek Testing Services/ETL Semko, Inc. An Intertek inspector visits Black Box once a quarter and randomly selects cable and cabling products for testing.
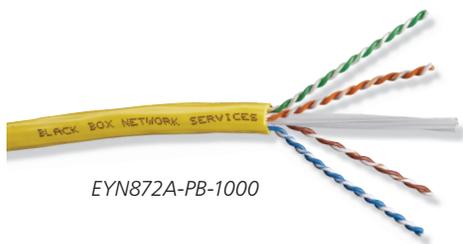
The GigaTrue CAT6 Solid Bulk Cable is ETL Verified at the component level. The ETL Verified Program verifies that the cable conforms to the applicable industry standards.

The GigaTrue CAT6 Channel (4 point, 100 meters), consisting of bulk cable, patch cable, jacks, patch panels, and wiring block, is tested and verified in a LAN environment under Intertek's Cabling System Channel Verification Program. This ensures that the system is of the highest quality and performs to the latest industry specifications.

For the latest test results and specifications, contact us at **724-746-5500** or go to **blackbox.com**.

GigaTrue® CAT6 Channel Solution

EYN872A-PB-1000

Buyer's Guide | GigaTrue CAT6 550-MHz Solid Bulk Cable (UTP)

4-Pr, 1000-feet (304.8-m)		
Color	Catalog No., PVC Riser	Catalog No., Plenum
Blue	EYN870A-PB-1000	EYN871B-PB-1000
Yellow	EYN872A-PB-1000	EYN873B-PB-1000
White	EYN874A-PB-1000	EYN875B-PB-1000
Gray	EYN876A-PB-1000	EYN877B-PB-1000
Green	EYN878A-PB-1000	EYN879B-PB-1000
Red	EYN868A-PB-1000	EYN869B-PB-1000
Orange	EYN866A-PB-1000	EYN867B-PB-1000
Violet	EYN864A-PB-1000	EYN865B-PB-1000
Black	EYN880A-PB-1000	EYN881B-PB-1000

Related Products

EVNSL641

FMT630-R3

JPM612A-R7

GigaTrue CAT6 550-MHz Patch Cable (UTP)

Snagless Boots, Stranded, 24 AWG, 4-Pair, PVC, Straight-Pinned	
Length	Catalog No.
1-ft. (0.3 m)	EVNSL6XX-0001
2-ft. (0.6 m)	EVNSL6XX-0002
3-ft. (0.9 m)	EVNSL6XX-0003
4-ft. (1.2 m)	EVNSL6XX-0004
5-ft. (1.5 m)	EVNSL6XX-0005
6-ft. (1.8 m)	EVNSL6XX-0006
7-ft. (2.1 m)	EVNSL6XX-0007
10-ft. (3.0 m)	EVNSL6XX-0010
15-ft. (4.5 m)	EVNSL6XX-0015
20-ft. (6.0 m)	EVNSL6XX-0020
25-ft. (7.6 m)	EVNSL6XX-0025
30-ft. (9.1 m)	EVNSL6XX-0030
50-ft. (15.2 m)	EVNSL6XX-0050
100-ft. (30.4 m)	EVNSL6XX-0100
Custom Lengths	EVNSL6XX

To order, replace the "XX" with the color number.

Gray = 40	Yellow = 44	Purple = 48
Blue = 41	Beige = 45	Orange = 49
Green = 42	Pink = 46	White = 50
Red = 43	Black = 47	

GigaTrue CAT6 Jacks

Color	Catalog No.
Blue	FMT630-R3
Black	FMT631-R3
Ivory	FMT632-R3
Gray	FMT633-R3
Green	FMT634-R3
Office White	FMT635-R3
Orange	FMT636-R3
Red	FMT637-R3
White	FMT639-R3
Yellow	FMT640-R3

GigaTrue CAT6 Patch Panels

Universal Wiring	Catalog No.
24-Port, 1.75"H, 1U	JPM610A-R7
48-Port, 3.5"H, 2U	JPM612A-R7
96-Port, 7.0"H, 4U	JPM614A-R7

All include cable ties and mounting hardware.
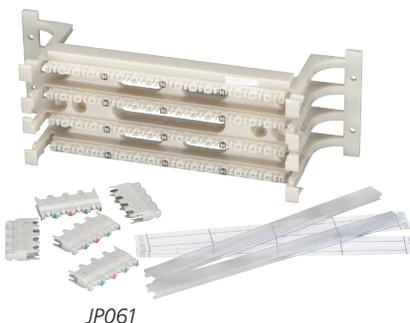
WPT480

JP061

CAT6 Wiring Block Kit

Catalog No.
JP061

GigaStation 2 Wallplates

	Ivory	Office White	White
1-Port, Single-Gang	WPT454	WPT456	WPT458
2-Port, Single-Gang	WPT460	WPT462	WPT464
3-Port, Single-Gang	WPT466	WPT468	WPT470
4-Port, Single-Gang	WPT472	WPT474	WPT476
6-Port, Single-Gang	WPT478	WPT480	WPT482
9-Port, Dual-Gang	WPT484	WPT486	WPT488
12-Port, Dual-Gang	WPT490	WPT492	WPT494

FREE, 24/7 Tech Support and ordering: 724-746-5500 or blackbox.com.