

CAT6/CAT5e Channel Solutions

Connect with the industry's
guaranteed best ETL-Verified
CAT6/CAT5e channel solutions!

- » Patch Cable
- » Bulk Cable
- » Patch Panels
- » Wiring Blocks
- » Jacks



When it comes to channel solutions, come to Black Box for the best value anywhere—guaranteed.

- Guaranteed for life.
- Guaranteed best prices.
- Guaranteed performance.

Guaranteed for life.

Our GigaTrue® CAT6 and GigaBase® CAT5e Channel Solutions are guaranteed for life! Our unbeatable Double Diamond™ Warranty covers everything from manufacturing defects to accidental damage—including water and surge damage.

Plus, all Black Box® brand copper cables and most fiber cables and infrastructure components are also guaranteed for life.



Guaranteed best prices.

Our Best Price Guarantee means you can buy with confidence from Black Box. You probably won't find a lower price elsewhere. But if you do find another manufacturer's product at a lower price than the Black Box equivalent, provide us with a copy of the competitor's quote, and we'll beat it with our own Black Box® solution. (Certain custom products are excluded.) For more details, call Customer Service at 724-746-5500 or go to blackbox.com.



CAT6 Channel Solution



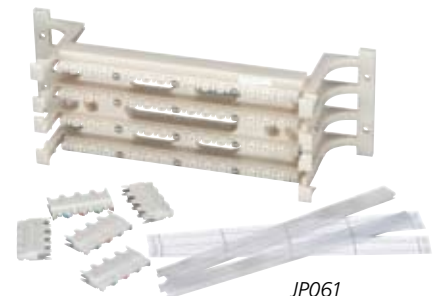
JPM612A-R6



EVNSL641



FMT630-R2



JP061



Guaranteed performance.

To ensure consistent top quality, Black Box participates in independent third-party testing by InterTek Testing Services/ ETL Semko, Inc. Once a quarter, an Intertek inspector visits Black Box and randomly selects cable and cabling products for testing.

The GigaTrue® CAT6 and GigaBase® CAT5e Solid Bulk Cable are ETL Verified at the component level to verify that they conform to the applicable industry standards.

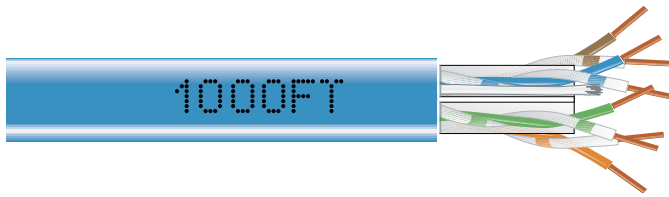
The GigaTrue® CAT6 and GigaBase® CAT5e Channels, consisting of bulk cable, patch cable, jacks, patch panels, and wiring blocks, are tested and verified according to industry standards in a LAN environment under InterTek's Cabling System Channel Verification Program.

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



ETL Verified GigaTrue® CAT6 Channel Solution: guaranteed for life, guaranteed

GigaTrue 550 CAT6, 550-MHz Solid Bulk Cable (UTP)



Cross-web design increases strength and performance.

- Exceeds CAT6 with plenty of headroom.
- Guaranteed to exceed ANSI/TIA/EIA-568-B.2-1 CAT6 and ISO/IEC 11801 Class E requirements.
- Cross-web design increases strength and performance.
- Ideal for digital video, 100-Mbps TP-PMD, and 155-Mbps ATM and Gigabit Ethernet.
- Cable is marked in two-foot increments.
- **◆◆ WARRANTY** — Lifetime

Buyer's Guide | GigaTrue CAT6 Electrical Specifications

MHz	Attenuation 100 m (dB) Min.	ACR 100 m (dB) Min.	PS-ACR 100 m (dB) Min.	ELFEXT (dB) Min.	PS-ELFEXT (dB) Min.	NEXT (dB) Min.	PS-NEXT (dB) Min.
100	19.4	29.9	27.9	29.8	26.8	49.3	47.3
200	28.3	16.5	14.5	23.8	20.8	44.8	42.8
300	35.4	6.8	4.8	20.3	17.3	42.2	40.2
400	41.6	—	—	17.8	14.8	40.3	38.3
550	49.9	—	—	15.0	12.0	38.2	36.2

NOTE: For additional specifications, see blackbox.com.

Item	Blue	Yellow	White	Gray	Violet
GigaTrue® 550 CAT6 550-MHz Solid Bulk Cable (UTP), 23 AWG, 4-Pair, Pull Box 1000-ft. (304.8-m)	PVC Plenum EYN870A-PB-1000 EYN871A-PB-1000	PVC Plenum EYN872A-PB-1000 EYN873A-PB-1000	PVC Plenum EYN874A-PB-1000 EYN875A-PB-1000	PVC Plenum EYN876A-PB-1000 EYN877A-PB-1000	PVC Plenum EYN864A-PB-1000 EYN865A-PB-1000

Item	Green	Red	Orange	Black
GigaTrue 550 CAT6 550-MHz Solid Bulk Cable (UTP), 23 AWG, 4-Pair, Pull Box (Continued) 1000-ft. (304.8-m)	PVC Plenum EYN878A-PB-1000 EYN879A-PB-1000	PVC Plenum EYN868A-PB-1000 EYN869A-PB-1000	PVC Plenum EYN866A-PB-1000 EYN867A-PB-1000	PVC Plenum EYN880A-PB-1000 EYN881A-PB-1000

GigaTrue2 CAT6 Jacks

- Support data transmission rates up to 250 MHz.
- Meet TIA/EIA-568-B.2-1 CAT6 requirements.
- Backward compatible with CAT5e, CAT5, and CAT3 components.
- **◆◆ WARRANTY** — Lifetime

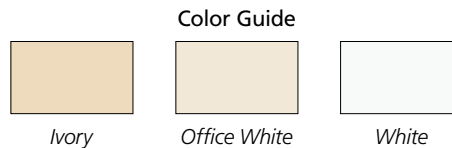


FMT630-R2

Item	Single-Pack	25-Pack
GigaTrue2 CAT6 Jacks, Universal Wiring		
Blue	FMT630-R2	FMT630-R2-25PAK
Black	FMT631-R2	FMT631-R2-25PAK
Ivory	FMT632-R2	FMT632-R2-25PAK
Gray	FMT633-R2	FMT633-R2-25PAK
Green	FMT634-R2	FMT634-R2-25PAK
Office White	FMT635-R2	FMT635-R2-25PAK
Orange	FMT636-R2	FMT636-R2-25PAK
Red	FMT637-R2	FMT637-R2-25PAK
White	FMT639-R2	FMT639-R2-25PAK
Yellow	FMT640-R2	FMT640-R2-25PAK

GigaStation2 Wallplates

- Rear-loading capability provides extra security at the workstation.
- The vertical orientation of all port openings provides a cleaner finish and eliminates mixing vertical and horizontal ports.
- Include paper labels with clear covers or color-matched covers and conform to TIA/EIA 606.
- **◆◆ WARRANTY** — Lifetime



Item	1-Port	2-Port	3-Port	4-Port	6-Port	9-Port	12-Port
GigaStation2 Wallplates	Single-Gang	Single-Gang	Single-Gang	Single-Gang	Single-Gang	Dual-Gang	Dual-Gang
Ivory	WPT454	WPT460	WPT466	WPT472	WPT478	WPT484	WPT490
Office White	WPT456	WPT462	WPT468	WPT474	WPT480	WPT486	WPT492
White	WPT458	WPT464	WPT470	WPT476	WPT482	WPT488	WPT494

best prices, guaranteed performance.

GigaTrue®

CAT6



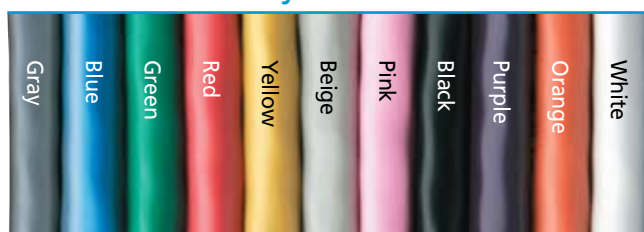
GigaTrue CAT6 550-MHz Patch Cable (UTP)

- Get high-level CAT6 performance in an end-to-end Black Box® GigaTrue® channel.
- For 1000BASE-T, 100BASE-TX, 100BASE-VG, 155-Mbps ATM, 100-Mbps FDDI/CDDI, and other high-speed applications.
- Stranded cable delivers full power sum performance.
- Provide full-duplex operation for next-generation applications.
- Meet balance requirements (LCL/LCTL), resulting in better transmission.
- ♦♦ **WARRANTY** — Lifetime

Tested to 550 MHz!



Choose from as many as 11 colors!



Click and find at blackbox.com.
Specifications and more information on these cables.

Item	Single	25-Pack
GigaTrue CAT6 550-MHz Patch Cable (UTP), Snagless Boots, Stranded, 24 AWG, RJ-45, 4-Pair, T568B, PVC, Straight-Pinned		
1-ft. (0.3-m)	EVNSL6XX-0001	EVNSL6XX-0001-25PAK
2-ft. (0.6-m)	EVNSL6XX-0002	EVNSL6XX-0002-25PAK
3-ft. (0.9-m)	EVNSL6XX-0003	EVNSL6XX-0003-25PAK
4-ft. (1.2-m)	EVNSL6XX-0004	EVNSL6XX-0004-25PAK
5-ft. (1.5-m)	EVNSL6XX-0005	EVNSL6XX-0005-25PAK
6-ft. (1.8-m)	EVNSL6XX-0006	EVNSL6XX-0006-25PAK
7-ft. (2.1-m)	EVNSL6XX-0007	EVNSL6XX-0007-25PAK
10-ft. (3.0-m)	EVNSL6XX-0010	EVNSL6XX-0010-25PAK
15-ft. (4.5-m)	EVNSL6XX-0015	EVNSL6XX-0015-25PAK
20-ft. (6.0-m)	EVNSL6XX-0020	EVNSL6XX-0020-25PAK
25-ft. (7.6-m)	EVNSL6XX-0025	EVNSL6XX-0025-25PAK
30-ft. (9.1-m)	EVNSL6XX-0030	EVNSL6XX-0030-25PAK
50-ft. (15.2-m)	EVNSL6XX-0050	EVNSL6XX-0050-25PAK
100-ft. (30.4-m)	EVNSL6XX-0100	EVNSL6XX-0100-25PAK
Custom Lengths	EVNSL6XX	

To order, replace the "XX" with the number assigned to each color. To order packs of 25, add -25PAK to the end of the code.

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

GigaTrue CAT6 Patch Panels

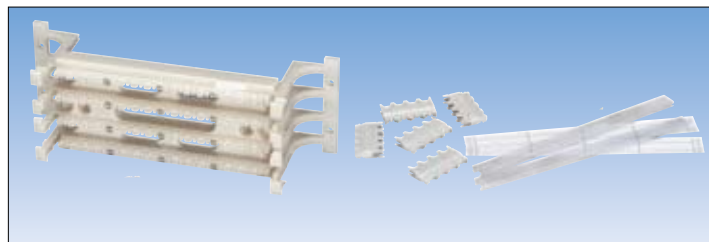


JPM610A-R6: top: front view; bottom: rear view

- Universal wiring—panels come with labels for both T568A and T568B.
- Paired punchdown sequence enables pair twists within 1/2" of termination.
- Rolled-edge construction provides superior panel rigidity.
- ♦♦ **WARRANTY** — Lifetime

Item	Code
GigaTrue® CAT6 Patch Panels, Universal Wiring	
24-Port 1U	JPM610A-R6
48-Port 2U	JPM612A-R6
96-Port 4U	JPM614A-R6
♦ Includes (1) patch panel, cable ties, and mounting hardware.	

CAT6 Wiring Block Kit



- Internal crosstalk barriers provide 360° pair isolation for superior NEXT ratings.
- Cables can be routed through the rear of the block directly to the point of termination.
- ♦♦ **WARRANTY** — Lifetime

Item	Code
CAT6 Wiring Block Kit, 4 -Pair	
	JPO61
♦ Includes (1) wiring block with legs (detachable), connecting blocks, label holders, and labels.	

ETL Verified GigaBase® CAT5e Channel Solution: guaranteed for life, guaranteed

GigaBase 350 CAT5e, 350-MHz Solid Bulk Cable (UTP)

- Guaranteed to meet or exceed ANSI/TIA/EIA-568-B.2 CAT5e specs.
- Ripcord for easy jacket opening.
- Cable is marked in two-foot increments.
- **◆◆ WARRANTY** — Lifetime



Click and find at blackbox.com.
Specifications for this cable

Item	Blue	Yellow	White	Gray	Violet
GigaBase 350 CAT5e 350-MHz Solid Bulk Cable (UTP), 24 AWG, 4-Pair, Pull Box 1000-ft. (304.8-m)	PVC	EYN855A-PB-1000	EYN853A-PB-1000	EYN857A-PB-1000	EYN845A-PB-1000
	Plenum	EYN850A-PB-1000	EYN852A-PB-1000	EYN856A-PB-1000	EYN844A-PB-1000

Item	Green	Red	Orange	Black
GigaBase 350 CAT5e 350-MHz Solid Bulk Cable (UTP), 24 AWG, 4-Pair, Pull Box (Continued) 1000-ft. (304.8-m)	EYN859A-PB-1000	EYN849A-PB-1000	EYN847A-PB-1000	EYN861A-PB-1000
	Plenum	EYN858A-PB-1000	EYN848A-PB-1000	EYN860A-PB-1000

GigaBase CAT5e Jacks

- Termination retention stuffer cap provides strain relief.
- Make easy, tool-less terminations or use a 110 tool if you prefer.
- Meet TIA/EIA-568-B.2 CAT5e standards.
- Universal wiring.
- **◆◆ WARRANTY** — Lifetime

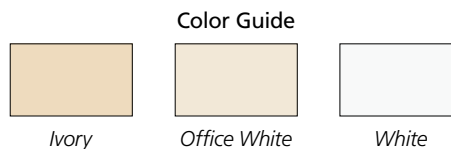


FMT925-R2

Item	Single-Pack	25-Pack
GigaBase CAT5e Jacks, Universal Wiring		
Blue	FMT920-R2	FMT920-R2-25PAK
Black	FMT921-R2	FMT921-R2-25PAK
Electric Ivory	FMT922-R2	FMT922-R2-25PAK
Gray	FMT923-R2	FMT923-R2-25PAK
Green	FMT924-R2	FMT924-R2-25PAK
Office White	FMT925-R2	FMT925-R2-25PAK
Orange	FMT926-R2	FMT926-R2-25PAK
Red	FMT927-R2	FMT927-R2-25PAK
Telco Ivory	FMT928-R2	FMT928-R2-25PAK
White	FMT929-R2	FMT929-R2-25PAK
Yellow	FMT930-R2	FMT930-R2-25PAK

GigaStation2 Wallplates

- Rear-loading capability provides extra security at the workstation.
- The vertical orientation of all port openings provides a cleaner finish and eliminates mixing vertical and horizontal ports.
- Include paper labels with clear covers or color-matched covers and conform to TIA/EIA 606.
- **◆◆ WARRANTY** — Lifetime



Item	1-Port	2-Port	3-Port	4-Port	6-Port	9-Port	12-Port
GigaStation2 Wallplates	Single-Gang	Single-Gang	Single-Gang	Single-Gang	Single-Gang	Dual-Gang	Dual-Gang
Ivory	WPT454	WPT460	WPT466	WPT472	WPT478	WPT484	WPT490
Office White	WPT456	WPT462	WPT468	WPT474	WPT480	WPT486	WPT492
White	WPT458	WPT464	WPT470	WPT476	WPT482	WPT488	WPT494

best prices, guaranteed performance.

GigaBase® CAT5e

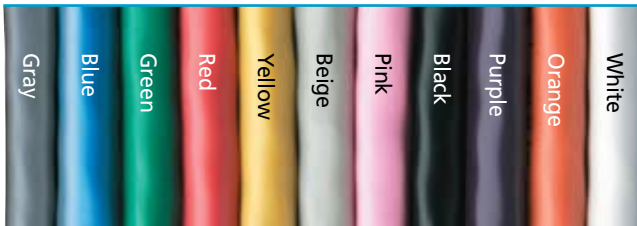


GigaBase 350 CAT5e Patch Cables (UTP)

- Specially designed for use with other GigaBase® components.
- Improved near-end crosstalk (NEXT) compared to standard CAT5 cable.
- Superior construction offers significant headroom.
- Tuned-plug design maintains a tighter twist and reduces noise.
- Gold-plated contacts.
- ♦♦ **WARRANTY** — Lifetime



Choose from as many as 11 colors!



Item	Single	25-Pack
GigaBase 350 CAT5e Patch Cable (UTP), Snagless Boots, Stranded, 24 AWG, RJ-45, 4-Pair, T568B, PVC, Straight-Pinned		
1-ft. (0.3-m)	EVNSLXX-0001	EVNSLXX-0001-25PAK
2-ft. (0.6-m)	EVNSLXX-0002	EVNSLXX-0002-25PAK
3-ft. (0.9-m)	EVNSLXX-0003	EVNSLXX-0003-25PAK
4-ft. (1.2-m)	EVNSLXX-0004	EVNSLXX-0004-25PAK
5-ft. (1.5-m)	EVNSLXX-0005	EVNSLXX-0005-25PAK
6-ft. (1.8-m)	EVNSLXX-0006	EVNSLXX-0006-25PAK
7-ft. (2.1-m)	EVNSLXX-0007	EVNSLXX-0007-25PAK
10-ft. (3.0-m)	EVNSLXX-0010	EVNSLXX-0010-25PAK
15-ft. (4.5-m)	EVNSLXX-0015	EVNSLXX-0015-25PAK
20-ft. (6.0-m)	EVNSLXX-0020	EVNSLXX-0020-25PAK
25-ft. (7.6-m)	EVNSLXX-0025	EVNSLXX-0025-25PAK
30-ft. (9.1-m)	EVNSLXX-0030	EVNSLXX-0030-25PAK
50-ft. (15.2-m)	EVNSLXX-0050	EVNSLXX-0050-25PAK
100-ft. (30.4-m)	EVNSLXX-0100	EVNSLXX-0100-25PAK
Custom Lengths	EVNSLXX	

To order, replace the "XX" with the number assigned to each color. To order packs of 25, add -25PAK to the end of the code.

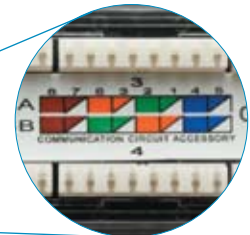
Gray = 80	Yellow = 84	Purple = 88
Blue = 81	Beige = 85	Orange = 89
Green = 82	Pink = 86	White = 90
Red = 83	Black = 87	

Click and find at blackbox.com.
Specifications and more information on these cables.

GigaBase CAT5e Patch Panels



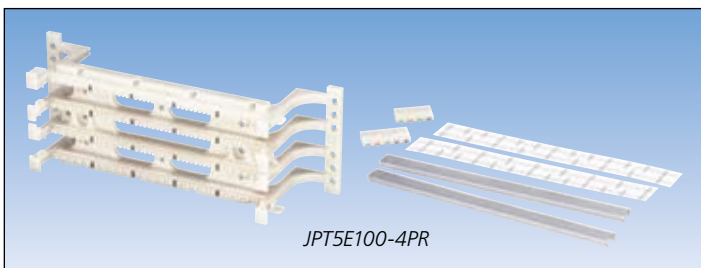
JPM906A-R4: top: front view;
bottom: rear view



- ETL tested and verified CAT5e channel performance.
- Meet or exceed CAT5e specs.
- The IDC-110 block features peaks to make lacing wires easier.
- Stuffer caps hold the wires more securely.
- Rolled-edge construction provides superior panel rigidity to eliminate flex during termination.
- ♦♦ **WARRANTY** — Lifetime

Item	Code
GigaBase® CAT5e Patch Panels, Universal Wiring	
24-Port 1U	JPM902A-R4
48-Port 2U	JPM906A-R4
96-Port 4U	JPM910A-R4
♦ Include (1) patch panel, cable ties, and mounting hardware.	

CAT5e Wiring Block Kit



- Internal crosstalk barriers provide 360° pair isolation for superior NEXT ratings.
- Cables can be routed through the rear of the block directly to the point of termination.

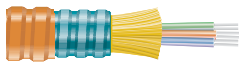
Item	Code
CAT5e Wiring Block Kits	
50-Pair	JPT5E050-4PR
100-Pair	JPT5E100-4PR
300-Pair	JPT5E300-4PR
♦ Include (1) wiring block with legs (detachable), connecting blocks, and labels.	

Comprehensive Cabling and Infrastructure Solutions

Let Black Box help you deliver your next project under budget and ahead of schedule.

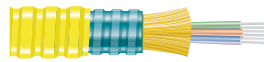


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EXPIA35012A

Interlocking Armored Multimode Fiber Optic Cable



EXPIASM12A

Interlocking Armored Single-Mode Fiber Optic Cable



PP-SC-50MM-10G

Pre-Polished Fiber Connectors



40725

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Power & Surge

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