BLACK BOX®
NETWORK SERVICES

GigaBase®

Black Box® GigaBase® CAT5e 350-MHz Solid Bulk Cable (UTP)

ETL-Verified cable for 350-MHz runs.

CAT5e

ABSOLUTELY GUARANTEED FOR LIFE

Features
- Tested to 350 MHz.
- Meets or exceeds CAT5e standards.
- Low attenuation and high power-sum crosstalk over a wide frequency sweep.
- Longitudinal rip cord for easy jacket opening.
- Warranty: Lifetime

Applications
- 10/100/1000BASE-T; 155-Mbps and 622-Mbps ATM; T1
- Other high-performance cable applications
  – Backbone
  – Floor-to-floor backbone
  – Horizontal cabling to desktop

Compliance
- TIA/EIA-568-C.2 Category 5e
- EN50173, EN71-3
- EPA 3050B
- PVC: UL® 1666; Plenum: NFPA-262
- ETL Verified
- RoHS: 2002/95 EC
- PVC: CMR; CSA, CMG; Plenum: CMP

Specifications
Capacitance, Mutual (Maximum)— 56 pF/km
Characteristic Impedance — 1–350 MHz: 100 ± 15 ohms
Conductor Resistance (Maximum) — 93.8 ohm/67° F
Delay Skew (Maximum) — 1–350 MHz: 40 nS/100 m
Input Impedance — 1–100 MHz: 100 ± 15 ohms
Insulation Material — PVC: HDPE; Plenum: FEP
Jacket — PVC: 0.188" OD; Plenum: FR PVC (low smoke), 0.177" OD
Outside Diameter — PVC: 0.18" ± 0.007" (0.48 ±0.02 cm);
    Plenum: 0.17" (0.073 cm)
Propagation Delay — 536 nS/100 m at 350 MHz
Return Loss — 20.1 dB at 100 MHz
Velocity of Propagation (Minimum) — 62.1% at 350 MHz
Weight — 20.9 lb./1000 ft. (9.5 kg/304.8 m)

INTERTEK ETL VERIFIED

The backbone of your channel solution.
GigaBase® 350 CAT5e, 350-MHz Solid Bulk Cable (UTP) is tested to 350 MHz so you can use it in 10BASE-T to 1000BASE-T networks and other high-performance applications. Plus, it has plenty of extra headroom over the CAT5e standard, giving you lots of room for growth.

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 polyolefin insulation and a flame-retardant jacket. The plenum cable has FEP insulation and features a compound jacket that's rated to 32° F (0° C) for low-temperature handling.

Guaranteed for life.
To fully back up our claims of quality, we guarantee— for life— this cable and all the products in our GigaBase line.
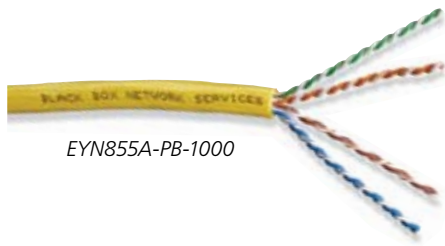
Proven performance.
You can be assured of proven performance as Black Box has its products independently tested by InterTek Testing Services/ETL Semko, Inc. An Intertek inspector visits Black Box once a quarter and randomly selects cable and cabling products for testing.

The GigaBase CAT5e 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 GigaBase CAT5e 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**.

GigaBase® CAT5e Channel Solution

EYN855A-PB-1000

Buyer's Guide | GigaBase 350 CAT5e-MHz Solid Bulk Cable (UTP)

4-Pair, 1000-feet (304.8-m)		
Color	Catalog No., PVC Riser	Catalog No., Plenum
Blue	EYN851A-PB-1000	EYN850A-PB-1000
Yellow	EYN855A-PB-1000	EYN854A-PB-1000
White	EYN853A-PB-1000	EYN852A-PB-1000
Gray	EYN857A-PB-1000	EYN856A-PB-1000
Green	EYN859A-PB-1000	EYN858A-PB-1000
Red	EYN849A-PB-1000	EYN848A-PB-1000
Orange	EYN847A-PB-1000	EYN846A-PB-1000
Violet	EYN845A-PB-1000	EYN844A-PB-1000
Black	EYN861A-PB-1000	EYN860A-PB-1000

Related Products

EVNSL81

FMT922-R2

JPM906A-R5

GigaBase 350 CAT5e Patch Cable (UTP)

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

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

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

GigaBase CAT5e Jacks

Color	Catalog No.
Blue	FMT920-R2
Black	FMT921-R2
Ivory	FMT922-R2
Gray	FMT923-R2
Green	FMT924-R2
Office White	FMT925-R2
Orange	FMT926-R2
Red	FMT927-R2
White	FMT929-R2
Yellow	FMT930-R2

JPT5E050-4PR

CAT5e Wiring Block Kit

JPT5E050-4PR

GigaBase CAT5e Patch Panels

Universal Wiring	Catalog No.
24-Port, 1.75"H, 1U	JPM902A-R5
48-Port, 3.5"H, 2U	JPM906A-R5
96-Port, 7.0"H, 4U	JPM910A-R4

All include cable ties and mounting hardware.

WPT480

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.