

CAT6A Bulk Cable Stranded UTP 650 MHz CM PVC PoE 1000 ft.









Premium CAT6A cabling ensures optimal performance in bandwidth-intensive 10G networking applications

- Premium GigaTrue® bulk cabling constructed to exceed industry standards
- Meets ANSI®/TIA®-568.2-D and ISO®/IEC 11801 Class EA standards
- ETL® tested and verified to ensure premium CAT6A performance
- CM-Rated jacketing for use in general-purpose locations other than risers or plenums
- UL® tested and verified to ensure premium performance to CM flame rating
- Ideal for use in patch cabling and short horizontal runs
- Comes in Reel-on-Spool for easy pulling of cabling







Photo may vary from actual product



Product	Code
304.8m	
Blue	CAT6A Bulk Cable Stranded UTP 650 MHz CM PVC PoE 1000 ft.  C6ABC50-STR-BL-1000
Black	CAT6A Bulk Cable Stranded UTP 650 MHz CM PVC PoE 1000 ft.  C6ABC50-STR-BK-1000
Red	CAT6A Bulk Cable Stranded UTP 650 MHz CM PVC PoE 1000 ft.  C6ABC50-STR-RD-1000
Green	CAT6A Bulk Cable Stranded UTP 650 MHz CM PVC PoE 1000 ft.  C6ABC50-STR-GN-1000

Yellow	MHz CM PVC PoE 1000 ft. CAT6A Bulk Cable Stranded UTP 650	1000  Print Close	 C6ABC50-S1R-YL-1000
White	MHz CM PVC PoE 1000 ft. CAT6A Bulk Cable Stranded UTP 650		 C6ABC50-STR-WH-1000

Accessories

Product	Code
CAT6A Modular RJ-45 Plugs w/Boots, Solid/Stranded UTP, 100PK	
CAT6A Modular RJ-45 Plugs w/Boots, Solid/Stranded UTP, 100PK - 100-Pack	 FMTP6A-CL-100PAK
Universal RJ Crimp Tool and Tool Kit	
Universal RJ Crimp Tool and Tool Kit - RJ Crimp Tool	 FT046A
CAT6A Patch Panel, 24-Ports, Component Level 110, 1U, PoE+	
CAT6A Patch Panel, 24-Ports, Component Level 110, 1U, PoE+ - 24 port	 C6APP70-24
GigaTrue®2 CAT6A Jacks	
GigaTrue®2 CAT6A Jacks - 1-Pack, Office White	 C6AJA70-OW-R2
GigaTrue®2 CAT6A Jacks - 1-Pack, White	 C6AJA70-WH-R2
GigaTrue®2 CAT6A Jacks - 25-pack, White	 C6AJA70-WH-R2-25PAK

In-depth info

Black Box GigaTrue® CAT6A 650-MHz premium bulk cable is constructed to exceed industry-standard requirements, providing the uncompromising performance demanded in today's 10G networking applications. Built to ANSI/TIA-568.2-D and ISO/IEC 11801 Class EA standards, and ETL tested to ensure premium CAT6A performance, our bulk cables provide guaranteed transmission of your voice, data, audio/video, and/or PoE signals, and are backed up by a Lifetime Warranty.

This CM-Rated General-purpose communications cable is in-wall rated for use in locations other than risers or plenums and is UL tested and verified to ensure premium performance to the CM flame rating for the protection of your environment in the event of a fire. Constructed using stranded wiring, it is ideal for use in patch cabling and short horizontal runs and comes in reel-on-spool packaging for seamless and easy cable pulls. Also, the cable length is marked on the jacketing in 2-ft. (61-cm) increments, making it easy to tell how much you have left.

Technical data

Jacket Rating — CM

Shielding — UnShielded (UTP)

Jacket Material — PVC

Category Type — CAT6A

Conductor Type — Stranded

Speed (Mhz) — 650-MHz

Gauge — 24

Diameter — 6.00 +/- 0.30-mm., 0.2362 +/- 0.01181-in.

Jacket — CM PVC

NEXT — Minimum: 33.8 dB at 500 MHz

PS-NEXT — Minimum: 31.8 dB at 500 MHz

Return Loss — Minimum: 13.0 dB @ 500 MHz

Standards — ANSI/TIA-568.2-D, UL444, ISO/IEC 11801 Class EA, 2011/65/EU (RoHS), 2015/863 (EU)

Characteristic Impedance — 1 – 500 MHz 100 +/- 15 Ohms

Approvals — REACH, RoHS, CE, UL/cUL

ANSI/TIA Category — CAT6A

Conductor Gauge — 24 AWG

Cable Type — Stranded Bare Copper

Separator Type — Isolator Cross-Filler

Shielding — UTP

Frequency — Up to 650 MHz

Conductor Resistance — 14 Ohms / 100m / 20° C Max.

Mutual Capacitance — 5.6 nF / 100M Max.

Dielectric Strength — AC 1.5KV / 2 Seconds

Cable Length — 1,000-ft. (304.8-m)

Packaging — Spool