



Cat6 Patch Cords

Quiktron's Cat6 Patch Cords deliver uncompromising performance and exceptional value. Each cable meets or exceeds Cat6 TIA/EIA- 568-B-2.1 standards and are designed to handle bandwidth intensive applications. The pairs in these cables feature a high tolerance twist design that helps maintain the twist spacing up to the termination point. This drastically reduces both impedance and structural return loss (SRL) as compared to standard Cat5E wire and keeps Near-end Crosstalk (NEXT) levels to a minimum.

Features:

- Connector: 50-micron gold plated RJ-45 Male to Male
- Conductor: 24 AWG Stranded Copper
- Meets or exceeds all Cat6 TIA/EIA- 568-B-2.1
- Q-Series Cat6 Patch Cords are made in the U.S.A.
- Available in custom lengths and colors
- Both Q-Series and Value Series Cat6 Patch Cords feature a lifetime warranty
- Contact your local distributor or Quiktron representative for a complete list of options

Cat5E vs Cat6 Cable

With the rapid growth streaming video, audio, and other multimedia, there is a growing need for increased bandwidth. It's like cars and traffic congestion. When new roads are built they are typically suitable for the amount of travel that passes over them. But as human and car populations grow, roads that were once sufficient become congested and everyone's progress is slowed. Adding more lanes, or in the case of computer networking adding more bandwidth, is the most practical solution to the problem.

Cat6 cable does just that - it provides more bandwidth compared to Cat5E cable. EIA/TIA specification for Cat6 is 250MHz compared to 100MHz for Cat5E. In addition to providing more bandwidth, Cat6 features better near-end crosstalk return loss, equal level far end crosstalk, and insertion loss compared to Cat5E. In a nutshell, Cat6 offers a bigger pipe through which data can travel and has higher immunity to noise, which can interrupt data flow.

All Quiktron Cat6 patch cords meet or exceed Category 6 TIA/EIA 568-B-2.1 specifications, and are constructed from quality components that provide a lifetime of hassle-free connectivity. For absolute best performance, choose Quiktron's Certified Cat6 Patch Cords, which are individually tested to ensure the highest performance possible.

Cat5E vs Cat6 Cable

	Category 5E	Category 6
Frequency	100 MHz	250 MHz
Attenuation (Min. at 100 MHz)	22 dB	19.8 dB
Characteristic Impedance	100 Ohms ± 15%	100 Ohms ± 15%
NEXT (Min. at 100 MHz)	35.3 dB	44.3 dB
PS-NEXT (Min. at 100 MHz)	32.3 dB	42.3 dB
ELFEXT (Min. at 100 MHz)	23.8 dB	27.8 dB
PS-ELFEXT (Min. at 100 MHz)	20.8 dB	24.8 dB
Return Loss (Min. at 100 MHz)	20.1 dB	20.1 dB
Delay Skew (Max. per 100 m)	45 ns	45 ns



Q-Series Cat6 Patch Cords

	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
Non-Booted	540-135-LLL	540-110-LLL	540-100-LLL	540-120-LLL	540-140-LLL	540-145-LLL	540-130-LLL	540-125-LLL	540-115-LLL
Booted	541-135-LLL	541-110-LLL	541-100-LLL	541-120-LLL	541-140-LLL	541-145-LLL	541-130-LLL	541-125-LLL	541-115-LLL
Crossover	542-135-LLL	542-110-LLL	542-100-LLL	542-120-LLL	542-140-LLL	542-145-LLL	542-130-LLL	542-125-LLL	542-115-LLL
Shielded	460-135-LLL	460-110-LLL	460-100-LLL	460-120-LLL	460-140-LLL	460-145-LLL	460-130-LLL	460-125-LLL	460-115-LLL
Solid Wire, Plenum-Rated	543-135-LLL	543-110-LLL	543-100-LLL	543-120-LLL	543-140-LLL	543-145-LLL	543-130-LLL	543-125-LLL	543-115-LLL

*LLL — Length can be customized to meet your specifications. When ordering cables please specify length in feet or meters.

Value Series Cat6 Non-Booted Patch Cords

	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
1 Ft.	566-135-001	566-110-001	566-100-001	566-120-001	566-140-001	566-145-001	566-130-001	566-125-001	566-115-001
3 Ft.	566-135-003	566-110-003	566-100-003	566-120-003	566-140-003	566-145-003	566-130-003	566-125-003	566-115-003
5 Ft.	566-135-005	566-110-005	566-100-005	566-120-005	566-140-005	566-145-005	566-130-005	566-125-005	566-115-005
7 Ft.	566-135-007	566-110-007	566-100-007	566-120-007	566-140-007	566-145-007	566-130-007	566-125-007	566-115-007
10 Ft.	566-135-010	566-110-010	566-100-010	566-120-010	566-140-010	566-145-010	566-130-010	566-125-010	566-115-010
14 Ft.	566-135-014	566-110-014	566-100-014	566-120-014	566-140-014	566-145-014	566-130-014	566-125-014	566-115-014
20 Ft.	566-135-020	566-110-020	566-100-020	566-120-020	566-140-020	566-145-020	566-130-020	566-125-020	566-115-020
25 Ft.	566-135-025	566-110-025	566-100-025	566-120-025	566-140-025	566-145-025	566-130-025	566-125-025	566-115-025
50 Ft.	566-135-050	566-110-050	566-100-050	566-120-050	566-140-050	566-145-050	566-130-050	566-125-050	566-115-050

Value Series Cat6 Booted Patch Cords

	Black	Blue	Gray	Green	Orange	Purple	Red	White	Yellow
1 Ft.	576-135-001	576-110-001	576-100-001	576-120-001	576-140-001	576-145-001	576-130-001	576-125-001	576-115-001
3 Ft.	576-135-003	576-110-003	576-100-003	576-120-003	576-140-003	576-145-003	576-130-003	576-125-003	576-115-003
5 Ft.	576-135-005	576-110-005	576-100-005	576-120-005	576-140-005	576-145-005	576-130-005	576-125-005	576-115-005
7 Ft.	576-135-007	576-110-007	576-100-007	576-120-007	576-140-007	576-145-007	576-130-007	576-125-007	576-115-007
10 Ft.	576-135-010	576-110-010	576-100-010	576-120-010	576-140-010	576-145-010	576-130-010	576-125-010	576-115-010
14 Ft.	576-135-014	576-110-014	576-100-014	576-120-014	576-140-014	576-145-014	576-130-014	576-125-014	576-115-014
20 Ft.	576-135-020	576-110-020	576-100-020	576-120-020	576-140-020	576-145-020	576-130-020	576-125-020	576-115-020
25 Ft.	576-135-025	576-110-025	576-100-025	576-120-025	576-140-025	576-145-025	576-130-025	576-125-025	576-115-025
50 Ft.	576-135-050	576-110-050	576-100-050	576-120-050	576-140-050	576-145-050	576-130-050	576-125-050	576-115-050

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