

C2G Cat5e, Cat6 & Cat6a Networking Patch Cables



C2G carries the category patch cable that your network infrastructure needs. We feature the largest offering of Cat5e, Cat6 and Cat6a cables with the widest variety of colors and lengths. [How do you know which cable to choose?](#)



UNDERSTANDING THE DIFFERENCES

The differences between the types of category patch cables are found in the speed of the cable, the bandwidth of the cable, the distance that the signal can travel, and how the cable handles interference.

	Network Data Speed				Minimum Bandwidth	Distance	Reduction of Interference
	10 Mbps	100 Mbps	1 Gbps	10 Gbps			
Cat5e	✓	✓	✓	—	100 MHz	Up to 328 ft	Good
Cat6	✓	✓	✓	✓*	250 MHz	Up to 328 ft*	Better
Cat6a	✓	✓	✓	✓	500 MHz	Up to 328 ft	Best

*10 Gbps data speeds are limited to 180 ft

WHEN TO USE

Cat5e

- Good for:
 - 1 Gigabit networks up to 328 ft
 - Internet & network connectivity
- Small offices and huddle spaces

Cat6

- Best for 1 Gigabit networks up to 328 ft
- Better for internet & network connectivity
- Good for:
 - 10 Gigabit networks up to 180 ft
 - HDBaseT applications
 - Voice over Internet Protocol (VoIP) phone systems
 - Power over Ethernet (PoE) applications
- Medium offices and conference rooms

Cat6a

- Best for:
 - 10 Gigabit networks up to 328 ft
 - Internet & network connectivity
 - HDBaseT applications
 - Voice over Internet Protocol (VoIP) phone systems
 - Power over Ethernet (PoE) applications
- Large offices and conference rooms

**BIGGER.
FASTER.
STRONGER.**

Cabling that makes sense for your business.
Invest in the long term with C2G Cat6a patch cables.

Cat6a Networking Patch Cables



C2G's copper connectivity has been the IT channel's trusted networking choice for 15 years. With the most stocked colors and lengths, a lifetime warranty and fast custom solutions — we simplify data center connectivity for your customers.



Cat6a Snagless Patch Cables

LENGTH	GRAY	BLUE	BLACK	AQUA	GREEN	RED	YELLOW	ORANGE	PURPLE	WHITE	PINK
6in	00972	00974	00976	00978	50778	50797	50740	50835	50816	50759	50854
1ft	00655	00689	00723	00757	50779	50798	50741	50836	50817	50760	50855
2ft	00656	00690	00724	00758	50780	50799	50742	50837	50818	50761	50856
3ft	00657	00691	00725	00759	50781	50800	50743	50838	50819	50762	50857
4ft	00658	00692	00726	00760	50782	50801	50744	50839	50820	50763	50858
5ft	00659	00693	00727	00761	50783	50802	50745	50840	50821	50764	50859
6ft	00660	00694	00728	00762	50784	50803	50746	50841	50822	50765	50860
7ft	00661	00695	00729	00763	50785	50804	50747	50842	50823	50766	50861
8ft	00662	00696	00730	00764	50786	50805	50748	50843	50824	50767	50862
9ft	00663	00697	00731	00765	50787	50806	50749	50844	50825	50768	50863
10ft	00664	00698	00732	00766	50788	50807	50750	50845	50826	50769	50864
12ft	00665	00699	00733	00767	50789	50808	50751	50846	50827	50770	50865
14ft	00666	00700	00734	00768	50790	50809	50752	50847	50828	50771	50866
15ft	00667	00701	00735	00769	50791	50810	50753	50848	50829	50772	50867
20ft	00668	00702	00736	00770	50792	50811	50754	50849	50830	50773	50868
25ft	00669	00703	00737	00771	50793	50812	50755	50850	50831	50774	50869
30ft	00670	00704	00738	00772	50794	50813	50756	50851	50832	50775	50870
35ft	00671	00705	00739	00773	50795	50814	50757	50852	50833	50776	50871
50ft	50885	50877	50881	50873	50796	50815	50758	50853	50834	50777	50872
75ft	50886	50878	50882	50874	—	—	—	—	—	—	—
100ft	50887	50879	50883	50875	—	—	—	—	—	—	—
150ft	50888	50880	50884	50876	—	—	—	—	—	—	—

Cat6a Shielded Patch Cables

LENGTH	GRAY	BLUE	BLACK	AQUA
6in	00971	00973	00975	00977
1ft	00638	00672	00706	00740
2ft	00639	00673	00707	00741
3ft	00640	00674	00708	00742
4ft	00641	00675	00709	00743
5ft	00642	00676	00710	00744
6ft	00643	00677	00711	00745
7ft	00644	00678	00712	00746
8ft	00645	00679	00713	00747
9ft	00646	00680	00714	00748
10ft	00647	00681	00715	00749
12ft	00648	00682	00716	00750
14ft	00649	00683	00717	00751
15ft	00650	00684	00718	00752
20ft	00651	00685	00719	00753
25ft	00652	00686	00720	00754
30ft	00653	00687	00721	00755
35ft	00654	00688	00722	00756

**BIGGER.
FASTER.
STRONGER.**

BIGGER.

C2G features the largest offering of Cat6a, Cat6 and Cat5e cables with the widest variety of colors and lengths. Available in 11 different colors and in lengths from 6 inches to 150 feet!

FASTER.

As a true manufacturer, C2G can ensure faster deployment. With the most stocked and readily available selection of Cat6a, Cat6 and Cat5e cable colors and lengths, critical solutions make it into customer's hands quickly.

STRONGER.

Stand confident in the strength of your solutions with the help of our pre and post-sales teams. Plus, all C2G Cat6a, Cat6 and Cat5e cables are backed by a lifetime warranty and the readily available assistance of our technical experts.