



10GX Modular Cord

10GX Modular Cords

Bonded-Pair Cords and Nonbonded-Pair Pigtails

The 10GX Modular Cords are 4-pair 23 AWG UTP modular cords designed to be used within the Belden IBDN 10GX System. Belden has designed the 10GX Modular Cord based on a patent-pending plug management bar design which allows for very good control of the internal plug NEXT. The Bonded-Pair patch cable design offers very good Alien crosstalk performance, while maintaining the important mechanical characteristics such as flexibility. The 10GX Modular Cords' design, with a very small footprint, makes them fully compatible with the highest density hubs that utilize RJ45 jack connections.

The 10GX Modular Cords are available in dark colors which match the horizontal cable colors and are also available in TIA/EIA-606 standard (pastel) colors. The unmatched performance exceeds all parameters specified in the Category 6A standard. All performance characteristics have been set to guarantee transmission performance up to 625 MHz.

- Exceeds TIA and ISO transmission and mechanical performance requirements
- Ordering code scheme to customize Bonded-Pair Patch Cord and Pigtail configurations

Ordering Information

Description	Belden Part Number					
	Yellow	Green	Blue	Gray	White	Black

10GX Modular Cords

10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR						
2 ft (0.6 m)	CA21104002	CA21105002	CA21106002	CA21108002	CA21109002	CA21100002
4 ft (1.2 m)	CA21104004	CA21105004	CA21106004	CA21108004	CA21109004	CA21100004
7 ft (2.1 m)	CA21104007	CA21105007	CA21106007	CA21108007	CA21109007	CA21100007
10 ft (3.0 m)	CA21104010	CA21105010	CA21106010	CA21108010	CA21109010	CA21100010
15 ft (4.6 m)	CA21104015	CA21105015	CA21106015	CA21108015	CA21109015	CA21100015
25 ft (7.6 m)	CA21104025	CA21105025	CA21106025	CA21108025	CA21109025	CA21100025
10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, T568A/B-T568A/B, CMR, TIA Colors						
2 ft (0.6 m)	CA21114002	CA21115002	CA21116002	—	—	—
4 ft (1.2 m)	CA21114004	CA21115004	CA21116004	—	—	—
7 ft (2.1 m)	CA21114007	CA21115007	CA21116007	—	—	—
10 ft (3.0 m)	CA21114010	CA21115010	CA21116010	—	—	—
15 ft (4.6 m)	CA21114015	CA21115015	CA21116015	—	—	—
25 ft (7.6 m)	CA21114025	CA21115025	CA21116025	—	—	—
xxx	CA21114xxx	CA21115xxx	CA21116xxx	—	—	—

xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft

10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMR					
15 ft (4.6 m)	—	—	CA31206015	CA31208015	CA31209015
25 ft (7.6 m)	—	—	CA31206025	CA31208025	CA31209025
35 ft (10.6 m)	—	—	CA31206035	CA31208035	CA31209035
50 ft (15.2 m)	—	—	CA31206050	CA31208050	CA31209050
xxx	—	—	CA31206xxx	CA31208xxx	CA31209xxx
10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMR					
15 ft (4.6 m)	—	—	CA31306015	CA31308015	CA31309015
25 ft (7.6 m)	—	—	CA31306025	CA31308025	CA31309025
35 ft (10.6 m)	—	—	CA31306035	CA31308035	CA31309035
50 ft (15.2 m)	—	—	CA31306050	CA31308050	CA31309050
xxx	—	—	CA31306xxx	CA31308xxx	CA31309xxx

10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568A-Open, CMP					
15 ft (4.6 m)	—	—	CA32206015	CA32208015	CA32209015
25 ft (7.6 m)	—	—	CA32206025	CA32208025	CA32209025
35 ft (10.6 m)	—	—	CA32206035	CA32208035	CA32209035
50 ft (15.2 m)	—	—	CA32206050	CA32208050	CA32209050
xxx	—	—	CA32206xxx	CA32208xxx	CA32209xxx
10GX Pigtail, Nonbonded-Pair, 4-pair, 23 AWG Solid, T568B-Open, CMP					
15 ft (4.6 m)	—	—	CA32306015	CA32308015	CA32309015
25 ft (7.6 m)	—	—	CA32306025	CA32308025	CA32309025
35 ft (10.6 m)	—	—	CA32306035	CA32308035	CA32309035
50 ft (15.2 m)	—	—	CA32306050	CA32308050	CA32309050
xxx	—	—	CA32306xxx	CA32308xxx	CA32309xxx

xxx = available 1 ft to 15 ft in increments of 1 ft, 20 ft and 25 ft

All pigtails also available in Bonded-Pair

One Enterprise.
One Infrastructure.
One Partner.



Modular Cord Configuration Matrices

10GX, CAT6+ and CAT5E Modular Cords

Patch Cords Part Number Example:

CA22106007 is 10GX Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, CMP, T568A/B-T568A/B, Blue, 7 ft (2.1 m)

Performance	Cable	Termination	Standard Color	Length
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	T568A/B-T568A/B = 1	Brown = 01	1 ft (0.3 m) = 001
	10GX Bonded-Pair, Solid, CMP = 22		Red = 02	2 ft (0.6 m) = 002
CAT6+ = C6	C6/5 Bonded-Pair, Solid, CMR = 01		Orange = 03	3 ft (0.9 m) = 003
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMP = 02		Yellow = 04	4 ft (1.2 m) = 004
			Green = 05	5 ft (1.5 m) = 005
			Blue = 06	6 ft (1.8 m) = 006
			Purple = 07	7 ft (2.1 m) = 007
			Gray = 08	8 ft (2.4 m) = 008
			White = 09	9 ft (2.7 m) = 009
			Black = 00	10 ft (3.0 m) = 010
				11 ft (3.4 m) = 011
			TIA 606 Color	12 ft (3.7 m) = 012
			Red = 12	13 ft (4.0 m) = 013
			Orange = 13	14 ft (4.3 m) = 014
			Yellow = 14	15 ft (4.6 m) = 015
			Green = 15	20 ft (6.1 m) = 020
			Blue = 16	25 ft (7.6 m) = 025
			Purple = 17	

Pigtails Part Number Example:

C601309025 is CAT6+ Pigtail, Bonded-Pair, 4-pair, 24 AWG Solid, CMR, T568B-Open, White, 25 ft (7.6 m)

Performance	Cable	Termination	Standard Color	Length
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	T568A-Open = 2	Brown = 01	15 ft (4.6 m) = 015
	10GX Bonded-Pair, Solid, CMP = 22	T568B-Open = 3	Red = 02	20 ft (6.1 m) = 020
CAT6+ = C6	C6/5 Bonded-Pair, Solid, CMR = 01		Orange = 03	25 ft (7.6 m) = 025
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMP = 02		Yellow = 04	35 ft (10.6 m) = 035
	CA/C6/C5 NonBonded, CMR = 31		Green = 05	50 ft (15.2 m) = 050
	CA/C6/C5 NonBonded, CMP = 32		Blue = 06	75 ft (22.9 m) = 075
			Purple = 07	100 ft (30.5 m) = 100
			Gray = 08	
			White = 09	
			Black = 00	
			TIA 606 Color	
			Red = 12	
			Orange = 13	
			Yellow = 14	
			Green = 15	
			Blue = 16	
			Purple = 17	

Crossover Patch Cords Part Number Example:

C501502010 is CAT5E Patch Cord, Bonded-Pair, 4-pair, 24 AWG Solid, CMR, Crossover IEEE, Red, 10 ft (3.0 m)

Performance	Cable	Termination	Standard Color	Length
10GX = CA	10GX Bonded-Pair, Solid, CMR = 21	Crossover T568A-T568B = 4	Red = 02	1 ft (0.3 m) = 001
	10GX Bonded-Pair, Solid, CMP = 22	Crossover IEEE = 5	Yellow = 04	2 ft (0.6 m) = 002
CAT6+ = C6	C6/5 Bonded-Pair, Solid, CMR = 01			3 ft (0.9 m) = 003
CAT5E = C5	C6/5 Bonded-Pair, Solid, CMP = 02			4 ft (1.2 m) = 004
				5 ft (1.5 m) = 005
				6 ft (1.8 m) = 006
				7 ft (2.1 m) = 007
				8 ft (2.4 m) = 008
				9 ft (2.7 m) = 009
				10 ft (3.0 m) = 010
				11 ft (3.4 m) = 011
				12 ft (3.7 m) = 012
				13 ft (4.0 m) = 013
				14 ft (4.3 m) = 014
				15 ft (4.6 m) = 015
				20 ft (6.1 m) = 020
				25 ft (7.6 m) = 025

These matrices can be used to build the part number for any Modular Cord configuration. Refer back to these matrices as needed, when designing Category 6 (Section Two) and Category 5e systems (Section Three).