USB EXTENSION SOLUTIONS

C2G Superbooster® USB Extenders deliver reliable USB signal transmission for USB devices, allowing devices such as cameras, interactive whiteboards and printers to be placed at greater distances from the host computer. In addition, we're USB extension experts: C2G has owned patents* on USB over category extender wall plates since 2006.

Explore our lineup to find the solution that best fits your USB extension needs.

PRODUCT	4-Port USB 3.1 Over Cat6a Extender	1-Port USB-C® Extender Transmitter to Receiver Kit - USB 3.2 Gen 1	1-Port USB-C® Extender Transmitter to Receiver Kit - USB 3.2 Gen 1-Plenum Rated	Superbooster® 4-Port USB over Cat6a Extender Kit - USB 3.2 Gen1 (5Gbps)	Superbooster® 1-Port USB over Cat6a - USB 3.2 Gen1 (5Gbps)	Superbooster® 2x4 USB over Cat6a Extender Switch - USB 3.2 Gen1 (5Gbps)	Superbooster® USB Camera Extender Over Cat6
PART NUMBERS	29523 or CG29523 †	C2G54278	C2G54279	C2G54265	C2G54266, C2G54267, C2G54268 (Available Fall 2024)	C2G54262 (Available Winter 2024)	C2G54275, C2G54276, C2G54277
IDEAL APPLICATIONS	SUPPORTS 4K USB CAMERAS, SOLID-STATE DRIVES						SUPPORTS 1080P USB CAMERAS**
DATA TRANSFER RATES	5Gbps	5Gbps	5Gbps	5Gbps	5Gbps	5Gbps	480Mbps
PORT TYPES	B-Female (x1), A-Female (x4)	C-Female to C-Female	C-Female to C-Female	B-Female (x1), A-Female (x4)	C-Female to C-Female	2xUSB-C to 2xUSB-C and 2xUSB-A	C-Female to C-Female
DISTANCE	328ft (100m)	33ft (10m)	33ft (10m)	328ft (100m)	328ft (100m)	328ft (100m)	150ft (45.7m)
ISOCHRONUS DATA TRANSFER	USB2 ISO only	X	X	X	X	X	X
BULK DATA TRANSFER	–	–	–	X	X	X	X
ETHERNET	X	–	–	-	–	–	–
RS-232 CONTROL	–	–	–	X	–	X	–
NUMBER OF USB HUBS OCCUPIED	2	1	1	2	2	2	0
FORM FACTOR — WALL PLATE*	–	–	–	–	X	–	X
FORM FACTOR — BOX	X	X	X	X	X	X	X
RECOMMENDED CATEGORY CABLE	Cat6a	Included Proprietary Cable (non-plenum)	Included Proprietary Cable (plenum)	Cat6a U/FTP or F/FTP Cable	Cat6a U/FTP or F/FTP Cable	Cat6a U/FTP or F/FTP Cable	Cat6, Cat6a
OPTIONAL EXTERNAL POWER	Required	Required	Required	Required	Required	Required	Yes
TAA COMPLIANT	No	No	No	No	No	No	No

*USB over Category Wall Plate Patent, Patent No. US 7,741,562

**Compatible with most USB cameras on the market

† Some legacy systems use the 5-digit part number while others use the CG notation for numbers. Contact your Legrand AV sales representative with questions.

USB EXTENSION SOLUTIONS

PRODUCT	Superbooster® USB 2.0 Over Cat5 Wall Plate Transmitter to Dongle Receiver Kit	Superbooster® USB 2.0 Over Cat5 Dongle Kit	Superbooster® 1-Port USB 2.0 Over Cat6 Wall Plate to Box Extender	Superbooster® USB 1.1 Over Cat5 Extender Dongle Kit (TAA Compliant)	Superbooster® USB 1.1 Over Cat5 Extender Wall Plate Kit	Superbooster® 1-Port USB 2.0 Over Cat5/Cat6 Extender
PART NUMBERS	53878 or CG53878 †	53880 or CG53880 †	54289 or CG54289 †	29341 or CG29341 †	29342 or CG29342 †	54284 or CG54284 †
IDEAL APPLICATIONS	SUPPORTS PRINTERS, INTERACTIVE WHITEBOARDS, CAMERAS, TOUCH SCREENS			SUPPORTS KEYBOARDS, MICE, INTERACTIVE WHITEBOARDS		
DATA TRANSFER RATES	480Mbps	480Mbps	480Mbps	12Mbps	12Mbps	12Mbps
PORT TYPES	B-Female, A-Female	B-Female, A-Female	B-Female, A-Female	A-Male to A-Female	B-Female to A-Female	A-Male to A-Female
DISTANCE	328ft (100m)	328ft (100m)	150ft (45.7m)	150ft (45.7m)	150ft (45.7m)	150ft (45.7m)
ISOCHRONUS DATA TRANSFER	X	X	–	X	X	X
BULK DATA TRANSFER	X	X	X	X	X	X
ETHERNET	–	–	X	–	–	–
RS-232 CONTROL	–	–	–	–	–	–
NUMBER OF USB HUBS OCCUPIED	1	1	0	0	0	0
FORM FACTOR — WALL PLATE*	X	–	X	–	X	–
FORM FACTOR — BOX	X	X	X	X	--	x
RECOMMENDED CATEGORY CABLE	Cat5, Cat6	Cat5, Cat6	Cat5, Cat6	Cat5, Cat5e or Cat6	Cat5, Cat5e or Cat6	Cat5, Cat5e or Cat6
OPTIONAL EXTERNAL POWER	Required	Required	Required	Yes	Yes	Required
TAA COMPLIANT	No	No	No	Yes	No	No

*USB over Category Wall Plate Patent, Patent No. US 7,741,562

**Compatible with most USB cameras on the market

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PRODUCT	4-Port USB 3.1 Over Cat6a Extender	1-Port USB-C® Extender Transmitter to Receiver Kit - USB 3.2 Gen 1	1-Port USB-C® Extender Transmitter to Receiver Kit - USB 3.2 Gen 1-Plenum Rated	Superbooster® 4-Port USB over Cat6a Extender Kit - USB 3.2 Gen1 (5Gbps)	Superbooster® 1-Port USB over Cat6a - USB 3.2 Gen1 (5Gbps)	Superbooster® 2x4 USB over Cat6a Extender Switch - USB 3.2 Gen1 (5Gbps)	Superbooster® USB Camera Extender Over Cat6	Superbooster® USB 2.0 Over Cat5 Wall Plate Transmitter to Dongle Receiver Kit	Superbooster® USB 2.0 Over Cat5 Dongle Kit	Superbooster® 1-Port USB 2.0 Over Cat6 Wall Plate to Box Extender	Superbooster® USB 1.1 Over Cat5 Extender Dongle Kit (TAA Compliant)	Superbooster® USB 1.1 Over Cat5 Extender Wall Plate Kit	Superbooster® 1-Port USB 2.0 Over Cat5/Cat6 Extender
PART NUMBERS	29523 or CG29523 †	C2G54278	C2G54279	C2G54265	C2G54266, C2G54267, C2G54268 (Available Fall 2024)	C2G54262 (Available Winter 2024)	C2G54275, C2G54276, C2G54277	53878 or CG53878 †	53880 or CG53880 †	54289 or CG54289 †	29341 or CG29341 †	29342 or CG29342 †	54284 or CG54284 †
IDEAL APPLICATIONS	SUPPORTS 4K USB CAMERAS, SOLID-STATE DRIVES						SUPPORTS 1080P USB CAMERAS**	SUPPORTS PRINTERS, INTERACTIVE WHITEBOARDS, CAMERAS, TOUCH SCREENS			SUPPORTS KEYBOARDS, MICE, INTERACTIVE WHITEBOARDS		
DATA TRANSFER RATES	5Gbps	5Gbps	5Gbps	5Gbps	5Gbps	5Gbps	480Mbps	480Mbps	480Mbps	480Mbps	12Mbps	12Mbps	12Mbps
PORT TYPES	B-Female (x1), A-Female (x4)	C-Female to C-Female	C-Female to C-Female	B-Female (x1), A-Female (x4)	C-Female to C-Female	2xUSB-C to 2xUSB-C and 2xUSB-A	C-Female to C-Female	B-Female, A-Female	B-Female, A-Female	B-Female, A-Female	A-Male to A-Female	B-Female to A-Female	A-Male to A-Female
DISTANCE	328ft (100m)	33ft (10m)	33ft (10m)	328ft (100m)	328ft (100m)	328ft (100m)	150ft (45.7m)	328ft (100m)	328ft (100m)	150ft (45.7m)	150ft (45.7m)	150ft (45.7m)	150ft (45.7m)
ISOCHRONUS DATA TRANSFER	USB2 ISO only	X	X	X	X	X	X	X	X	–	X	X	X
BULK DATA TRANSFER	–	–	–	X	X	X	X	X	X	X	X	X	X
ETHERNET	X	–	–	-	–	–	–	–	–	X	–	–	–
RS-232 CONTROL	–	–	–	X	–	X	–	–	–	–	–	–	–
NUMBER OF USB HUBS OCCUPIED	2	1	1	2	2	2	0	1	1	0	0	0	0
FORM FACTOR — WALL PLATE*	–	–	–	–	X	–	X	X	–	X	–	X	–
FORM FACTOR — BOX	X	X	X	X	X	X	X	X	X	X	X	--	x
RECOMMENDED CATEGORY CABLE	Cat6a	Included Proprietary Cable (non-plenum)	Included Proprietary Cable (plenum)	Cat6a U/FTP or F/FTP Cable	Cat6a U/FTP or F/FTP Cable	Cat6a U/FTP or F/FTP Cable	Cat6, Cat6a	Cat5, Cat6	Cat5, Cat6	Cat5, Cat6	Cat5, Cat5e or Cat6	Cat5, Cat5e or Cat6	Cat5, Cat5e or Cat6
OPTIONAL EXTERNAL POWER	Required	Required	Required	Required	Required	Required	Yes	Required	Required	Required	Yes	Yes	Required
TAA COMPLIANT	No	No	No	No	No	No	No	No	No	No	Yes	No	No

*USB over Category Wall Plate Patent, Patent No. US 7,741,562

**Compatible with most USB cameras on the market

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