

Direct-Connect VGA Cables

- Foil and braid shielding for maximum EMI/RFI protection
- Mini-coax (RGB) and paired video wire construction for superior signal quality
- Resolutions up to 2048 x 1536 (QXGA)
- Lifetime product warranty



P502-xxx Series

VGA Display Cables with RGB Coax

- Connect a computer and display directly
- Standard and plenum-rated cables up to 100 ft.

VGA Display Cables (HD15 M/M)

P502-001	1 ft. VGA Display Cable
P502-003	3 ft. VGA Display Cable
P502-006	6 ft. VGA Display Cable
P502-010	10 ft. VGA Display Cable
P502-015	15 ft. VGA Display Cable
P502-025	25 ft. VGA Display Cable
P502-050	50 ft. VGA Display Cable
P502-100	100 ft. VGA Display Cable

VGA Display Cables with Right-Angle Connectors (HD15 M/M)

P502-003-RA	3 ft. VGA Display Cable (Right-Angle Connector)
P502-006-RA	6 ft. VGA Display Cable (Right-Angle Connector)
P502-010-RA	10 ft. VGA Display Cable (Right-Angle Connector)
P502-025-RA	25 ft. VGA Display Cable (Right-Angle Connector)

VGA Display Cables with Low-Profile Connectors (HD15 M/M)

P502-003-SM	3 ft. VGA Display Cable (Low-Profile Connectors)
P502-006-SM	6 ft. VGA Display Cable (Low-Profile Connectors)

Plenum-Rated VGA Display Cables (HD15 M/M)

P502-025-P	25 ft. Plenum-Rated VGA Display Cable
P502-050-P	50 ft. Plenum-Rated VGA Display Cable

VGA + Audio Cables (HD15 + 3.5 mm M/M)

P504-006	6 ft. VGA Display + Stereo Audio Cable
P504-010	10 ft. VGA Display + Stereo Audio Cable
P504-015	15 ft. VGA Display + Stereo Audio Cable
P504-025	25 ft. VGA Display + Stereo Audio Cable
P504-050	50 ft. VGA Display + Stereo Audio Cable

VGA + Audio Cables with Low-Profile Connectors (HD15 + 3.5 mm M/M)

P504-003-SM	3 ft. VGA Display + Stereo Audio Cable (Low-Profile Connectors)
P504-006-SM	6 ft. VGA Display + Stereo Audio Cable (Low-Profile Connectors)

Plenum-Rated VGA + Audio Cables (HD15 + 3.5 mm M/M)

P504-025-P	25 ft. Plenum-Rated VGA Display + Stereo Audio Cable
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P502-xxx-SM Series



P504-xxx-SM Series

VGA Extension Cables with RGB Coax

- Extend the length of an existing display cable
- Standard and plenum-rated cables up to 100 ft.

VGA Display Extension Cables (HD15 M/F)

P500-006	6 ft. VGA Display Extension Cable
P500-010	10 ft. VGA Display Extension Cable
P500-025	25 ft. VGA Display Extension Cable
P500-050	50 ft. VGA Display Extension Cable
P500-075	75 ft. VGA Display Extension Cable
P500-100	100 ft. VGA Display Extension Cable

Plenum-Rated VGA Display Extension Cable (HD15 M/F)

P500-100-P	100 ft. Plenum-Rated VGA Display Extension Cable
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P502-xxx-RA Series



P504-xxx Series

VGA Adapters & Splitters

- Accommodate a variety of applications
- Premium construction and shielding
- Lifetime product warranty

VGA Adapters

- Connect a VGA display or source to a dissimilar display or source

VGA Adapters	
P120-000	DVI Analog Source to VGA Cable Adapter (DVI-A M / HD15 F)
P120-001-2	1 ft. DVI Analog Source to VGA Cable Splitter (DVI-A M / HD15 2F)
P126-000	VGA Source to DVI Analog Cable Adapter (HD15 M / DVI-I F)
P134-06N-VGA	6 in. DisplayPort Source to VGA Cable Adapter (DP M / HD15 F)
P137-06N-VGA	6 in. Mini-DisplayPort Source to VGA Cable Adapter (mDP M / HD15 F)
P556-006	6 ft. DVI Analog Source to VGA Display Cable (DVI-A M / HD15 M)
P574-001	1 ft. DMS-59 Source to VGA Cable Splitter (DMS-59 M / HD15 2F)
U244-001-VGA-R	USB 2.0 Source to VGA Cable Adapter (USB-A M / HD15 F) ⁽¹⁾



U244-001-VGA-R (front and back)



P134-06N-VGA

VGA Gender Changers

- Convert a female VGA connector to male or vice-versa

VGA Gender Changers	
P158-000	VGA Gender Changer (HD15 M/M)
P160-000	VGA Gender Changer (HD15 F/F)

VGA Splitters

- Split a VGA signal for distribution to multiple displays

VGA Splitters	
B114-002-R	2-Port 350 Mhz VGA Splitter (HD15 M/2F) ⁽¹⁾
B114-004-R	4-Port 350 Mhz VGA Splitter (HD15 M/4F) ⁽¹⁾
P516-001-HR	1 ft. High-Resolution VGA Splitter Cable (HD15 M/2F)



P137-06N-VGA

(1) 1-year product warranty.



B114-004-R (front and back)



P556-006

Easy Pull VGA Cables

- Detachable, screw-on connectors
- End caps with integrated pull rings
- Great for conduit and other tight spaces
- Premium construction and shielding
- Lifetime product warranty



EZA-xxx Series Base Cable and EZA-VGAM-2 Connector Kit

Easy Pull Base Cables (Type A)

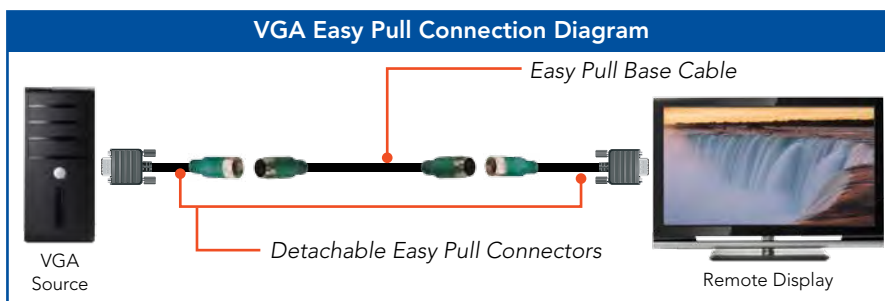
- Require Easy Pull Type A connectors

Easy Pull Type A Base Cables

EZA-035	35 ft. Easy Pull Base Cable
EZA-050	50 ft. Easy Pull Base Cable
EZA-100	100 ft. Easy Pull Base Cable

Plenum-Rated Easy Pull Type A Base Cables

EZA-035-P	35 ft. Plenum-Rated Easy Pull Base Cable
EZA-050-P	50 ft. Plenum-Rated Easy Pull Base Cable
EZA-100-P	100 ft. Plenum-Rated Easy Pull Base Cable



Easy Pull VGA Connector Kits (Type A)

- Include two connectors, with or without wall plates
- Require Easy Pull Type A base cable

Easy Pull Type A Connectors (VGA)

EZA-VGAM-2	2 Easy Pull VGA Connectors (HD15 M, HD15 M)
EZA-VGAF-2	2 Easy Pull VGA Connectors (HD15 F, HD15 F) ⁽¹⁾
EZA-VGAX-2	2 Easy Pull VGA Connectors (HD15 M, HD15 F) ⁽²⁾

Easy Pull Type A Connectors (VGA + Audio)

EZA-VGAAM-2	2 Easy Pull VGA + Audio Connectors (HD15 + 3.5 mm M, HD15 + 3.5 mm M)
EZA-VGAAF-2	2 Easy Pull VGA + Audio Connectors (HD15 + 3.5 mm F, HD15 + 3.5 mm F) ⁽¹⁾
EZA-VGAAX-2	2 Easy Pull VGA + Audio Connectors (HD15 + 3.5 mm M, HD15 + 3.5 mm F) ⁽²⁾

Easy Pull Type A Connectors (VGA + Audio + Composite Video)

EZA-VGACSAM-2	2 Easy Pull VGA + Audio + Composite Video Connectors (HD15 + 3.5 mm + 3 RCA M, HD15 + 3.5 mm + 3 RCA M)
EZA-VGCSAF-2	2 Easy Pull VGA + Audio + Composite Video Connectors (HD15 + 3.5 mm + 3 RCA F, HD15 + 3.5 mm + 3 RCA F) ⁽¹⁾
EZA-VGCSAX-2	2 Easy Pull VGA + Audio + Composite Video Connectors (HD15 + 3.5 mm + 3 RCA M, HD15 + 3.5 mm + 3 RCA F) ⁽²⁾



EZA-VGACSAX-2



P504-xxx-EZ Series

Easy Pull VGA All-in-One Kits

- Cables up to 100 ft. with connectors included

Easy Pull VGA All-in-One Kits (Include Cable and Connectors)

P501-050	50 ft. Easy Pull VGA Extension Cable (HD15 M/F) ⁽²⁾
P501-100	100 ft. Easy Pull VGA Extension Cable (HD15 M/F) ⁽²⁾
P503-050	50 ft. Easy Pull VGA Display Cable (HD15 M/M)
P503-100	100 ft. Easy Pull VGA Display Cable (HD15 M/M)

Easy Pull VGA + Audio All-in-One Kits (Include Cable and Connectors)

P504-050-EZ	50 ft. Easy Pull VGA + Audio Cable (HD15 + 3.5 mm M/M)
P504-100-EZ	100 ft. Easy Pull VGA + Audio Cable (HD15 + 3.5 mm M/M)

(1) Includes two wall plates. (2) Includes one wall plate for the female connector(s).

VGA Over Cat5 (UTP) Extenders

- Extend VGA signals up to 2,000 ft. over cost-effective Cat5 (UTP) cabling⁽¹⁾
- Support resolutions up to 1920 x 1440⁽²⁾
- Connect up to 97 displays (1 local, 96 remote) to a single source⁽³⁾
- Also extend audio or serial signals

EXTEND YOUR VGA SIGNAL VIA CAT5

VGA over Cat5 extenders transmit a VGA video signal to one or more remote displays using Cat5 (UTP) cabling. Select models can also transmit audio or serial signals.

PROVIDE A VARIETY OF OPTIONS

Each installation requires at least one transmitter and one receiver or repeater. You can select the required units separately or select a kit that bundles them. You can also choose between box-style and wall-plate-style units.

CONNECT MULTIPLE DISPLAYS

If you need to connect multiple remote displays to a single source, 2-port and 4-port transmitters send the VGA signal to multiple connection ports. You can daisy-chain up to six 4-port transmitters to expand the number of connection ports. (A receiver or repeater is required for each remote display.)

You can also connect multiple remote displays by daisy-chaining repeaters with additional units. (You can daisy-chain up to three repeaters and one receiver to each transmitter connection port.) Daisy-chaining repeaters also extends the maximum cabling distance up to an additional 1,000 ft. (2,000 ft. in total).⁽⁴⁾



B132-004A 4-Port Transmitter (front and back)



B130-101A Transmitter and Receiver Kit (front and back)

Wall-Plate-Style Unit



B132-100A-WP-1 Receiver (front and back)

Box-Style Unit



B132-110 Repeater (front and back)

(1) Supported UTP cabling includes Cat 5/5e/6/6a. Transmitters support up to 1,000 ft. distance from the source to the receiver or first repeater. Repeaters support up to an additional 1,000 ft. distance from the first repeater to the last repeater or receiver. For best performance with long cable runs, use 24 AWG solid-wire cabling. For best performance with cable runs over 500 ft., use zero-skew 24 AWG solid-wire cabling. See p. 23 for more information about display-optimized Cat5 (UTP) cabling. **(2)** Maximum resolution is 1920 x 1440 (60 Hz); maximum resolution at 1,000 ft. is 1024 x 768 (60 Hz). For best performance, use 24 AWG solid-wire cabling. See p. 23 for more information about display-optimized Cat5 (UTP) cabling. **(3)** A single 4-port transmitter supports up to 1 local and 4 remote displays. Up to 6 units can be daisy-chained to support an additional 4 remote displays per unit, up to 1 local and 24 remote displays. By connecting the remote displays through daisy-chained repeaters, the installation can be expanded to a maximum of 1 local and 96 remote displays. **(4)** Up to 4 repeaters can be daisy-chained together. (A receiver can be placed at the end of the chain, as long as further expansion is not required.) The maximum distance between the first and last unit in the chain is 1,000 ft. For superior performance with long cable runs, use 24 AWG solid-wire cabling. For best performance with cable runs over 500 ft., use zero-skew 24 AWG solid-wire cabling. See p. 23 for more information about display-optimized Cat5 (UTP) cabling.

VGA Over Cat5 (UTP) Selection Chart (Transmitters, Receivers, Repeaters and Kits)

Application	Model	Kit	Product Includes:			Form Factor:		Connects to:
			Transmitter	Receiver	Repeater	Box	Wall Plate	
VGA Only								
Extend signal to one display (can also add a local display)	A B130-101	✓	✓ (1-port)	✓		✓		I
	B B130-101-U ⁽¹⁾	✓	✓ (1-port)	✓		✓		
	C B130-101-WP-1	✓	✓ (1-port)	✓			✓	I
	D B130-111	✓	✓ (1-port)			✓		G H I
Extend signal to multiple displays (B132-004-1 can also add a local display)	E B132-002-1		✓ (2-port)			✓		G H I
	F B132-004-1 ⁽²⁾		✓ (4-port)			✓		G H I
	G B132-100-1			✓		✓		D E F I
	H B132-100-WP-1				✓		✓	D E F I
Add a remote display to an existing installation	I B132-110					✓	✓	A C D E F G H I
VGA with Audio								
Extend signal to one display (can also add a local display and speakers)	J B130-101A	✓	✓ (1-port)	✓		✓		Q
	K B130-101A-WP-1	✓	✓ (1-port)	✓			✓	Q
	L B130-111A	✓	✓ (1-port)			✓		O P Q
Extend signal to multiple displays (B132-004A can also add a local display and speakers)	M B132-002A		✓ (2-port)			✓		O P Q
	N B132-004A ⁽²⁾		✓ (4-port)			✓		O P Q
	O B132-100A			✓		✓		L M N Q
	P B132-100A-WP-1				✓		✓	L M N Q
Add a remote display to an existing installation	Q B132-110A					✓	✓	J K L M N O P Q
VGA with Serial								
Extend signal to one display (can also add a local display)	R B130-101S	✓	✓ (1-port)	✓		✓		
	S B130-101S-WP	✓	✓ (1-port)	✓			✓	

All models require Cat5/5e/6/6a (UTP) cabling, sold separately. All receivers and repeaters include equalization and gain adjustment controls. **(1)** Powered by USB connection at transmitter. Maximum distance is 500 ft. Does not support local display connection. **(2)** Up to three 4-port transmitters can be mounted in an optional 1U Rack Bracket (**B132-004-RB**). Up to six 4-port transmitters can be daisy-chained together to expand the number of displays connected to a single source.

