

SDI REPEATERS / CABLE EXTENDERS

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How far is too far with HD-SDI cable?
Further than you'd think.

Datavideo HD-SDI Repeaters/Cable Extenders make copper a cost-effective solution up to at least 600 meters. For less money than fiber, you can join 100m sections of high quality 1.5Gb/s or 3.0Gb/s cable with Datavideo HD-SDI repeaters. Sports shoots – forget about fragile cable! One Day shoots - when you're done, those 100m sections can be rented again or used on other jobs.

Datavideo HD-SDI Repeater/Cable Extenders are rugged little gadgets that belong in the kit of anyone who uses video cables.

How they work: HD-SDI is not a bi-directional format the same way that Firewire is. So, we put the first and only powered repeater close to the recorder or switcher. This is the only one that requires a 12VDC power supply. Every 100 meters from that first repeater, we add another repeater until the video source is 100 meters or less from the last repeater.



	VP-633 SDI Repeater	VP-634 SDI Repeater		VPCASDI1.5G	VPCASDI3G
Price	\$300 MSRP	\$270 MSRP	Price	\$2,910 MSRP	\$3,972 MSRP
Inputs	• 1x 3G(HD)/1.5G(HD)/SD-SDI • 1x DC (12-25V)	• 1x 3G(HD)/1.5G(HD)/SD-SDI	Kit Contents	1.5Gb Solution (Kit includes everything needed for 600m) • 1x VP-633 • 1x 110/220 12v Power Supply • 5x VP-634 • 6x 100m cables - Belden 1505F (black color cable) • 1x 10m cable - Belden 1505F (black color cable)	3.0Gb Solution (Kit includes everything needed for 600m) • 1x VP-633 • 1x 110/220 12v Power Supply • 5x VP-634 • 6x 100m cables - Belden 1794A (black color cable) • 1x 10m cable - Belden 1794A (black color cable)
Outputs	• 1x 3G(HD)/1.5G(HD)/SD-SDI	• 1x 3G(HD)/1.5G(HD)/SD-SDI			
Supported Video Formats	• 3G - 1080p 50/60 • HD - 1080p 24/25/30, 1080i 50/60, 720p 50/60 • SD - 525i(NTSC), 625i(PAL)	• 3G - 1080p 50/60 • HD - 1080p 24/25/30, 1080i 50/60, 720p 50/60 • SD - 525i(NTSC), 625i(PAL)			
Impedance	75 Ohms	75 Ohms			
Audio	Output stream will included the embedded audio from the input.				
* VP-633 and VP-634 are made with Locking Power Connectors					

Copper/Fiber Optic Cable Cost/Distance Comparison

Cable Run Total Length	100m Copper Cables (HD-SDI @ 1.5 Gb/s) Belden 1505F	100m Copper Cables (HD-SDI @ 3.0 Gb/s) Belden 1794A	100m Fiber Optic Cables
300m	Cables + 1x VP-633 + 2x VP-634 = \$1460	Cables + 1x VP-633 + 2x VP-634 = \$1992	Cables + Encoder + Decoder = \$4315
400m	Cables + 1x VP-633 + 3x VP-634 = \$1937	Cables + 1x VP-633 + 3x VP-634 = \$2645	Cables + Encoder + Decoder = \$5424
500m	Cables + 1x VP-633 + 4x VP-634 = \$2413	Cables + 1x VP-633 + 4x VP-634 = \$3299	Cables + Encoder + Decoder = \$6533
600m	Cables + 1x VP-633 + 5x VP-634 = \$2890	Cables + 1x VP-633 + 5x VP-634 = \$3953	Cables + Encoder + Decoder = \$7644
700m	Cables + 1x VP-633 + 6x VP-634 = \$3366	Cables + 1x VP-633 + 6x VP-634 = \$4606	Cables + Encoder + Decoder = \$8750
800m	Cables + 1x VP-633 + 7x VP-634 = \$3843	Cables + 1x VP-633 + 7x VP-634 = \$5260	Cables + Encoder + Decoder = \$9859
900m	Cables + 1x VP-633 + 8x VP-634 = \$4320	Cables + 1x VP-633 + 8x VP-634 = \$5913	Cables + Encoder + Decoder = \$10967