USB 3.0 CONVERTER SET 7896

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The 7896 USB 3.0 converter set provides true USB 3.0 extension at up to 5Gbps over 300 m of OM3-300 multi-mode fiber optics, without the need of additional software drivers. A true plug-and-play solution, the 7896 USB 3.0 converter set is compatible with all leading operation systems. Note: backward compatibility with USB 2.0/1.1.

FEATURES

- Extends USB 3.0 supper-speed, backward compatibility with USB 2.0/1.1. X Operates with USB 3.0 hosts
- Supports all USB devices up to 5Gbps
- Distance of up to 300 m
- Number of devices can be increased using additional USB hubs
- True plug and play
- Software drivers required
- Works with operating systems: Windows 7, Windows 8, Windows 10
- Low RFI / EMI profile for sensitive applications
- Power adapter at host is not required
- Surface-mountable

Performance		
Local unit	Upstream port	usb3.0 Type B Male
	Downstream port	USB3.0 SFS*1
Remote unit	Upstream port	USB3.0 SFS*1
	Downstream port	4-port
Operation mode	Support USB3.0 5GBps, backwards compatibility with usb 2.0/1.1	
Connections		
USB 3.0 input (local unit)	USB3.0 Type-B Female	
USB 3.0 Output (remote unit)	USB3.0 Type-A Female	
Optical	1x USB3.0 SFS+ port	

APPLICATIONS

- Digital Sign-age
- Industrial Control
- KVM Extension
- Conference Room Video Equipment
- Home Network Integration
- Medical Device Connectivity
- Security: web camera, access control
- USB Device Sharing: print, scan, storage

TECHNICAL SPECIFICATIONS

Cable		
Fiber cable type	Multi-mode fiber:OM3-300*2	
Max. Length	<300 m	
Mechanical		
Construction	High-impact alufer enclosure	
Dimensions (L x W x H) (Unit:mm)	Local extender	104 x 114 x 28
	Remote extender	104 x 114 x 28
Net weight	Local extender	200 g
	Remote extender	350 g
Environmental		
Operating temperature	32 °F till + 122 °F (0 °C till + 50 °C)	
Storage temperature	-40 °F till + 185 °F (-40 °C till + 85 °C)	
Operating humidity	5% till 80% (non-condensing)	
Storage humidity	5% till 95% (non-condensing)	
Power Requirements		
External AC power adapter	Local unit: Power adapter at host is not required	
	Remote unit Input: 100-240VAC/50-60Hz 0.2A Output: 5VDC, 2.0A 5/2.5mm jack	
Power consumption	Local unit: 2 Watts	Remote unit: 3.5 watts

ORDER EXAMPLE

Series

7896