

BEST CONTACTS FOR YOUR SUCCESS



- Optical Isolator
- Auto-negotiation support
- AUTO MDI-X support
- 1000M bps Communication speed
- 100M bps Communication speed
- 10M bps Communication speed
- +60°C -20°C Temperature range
- 5 years Warranty period



Grand Prix



Exclusive sales window

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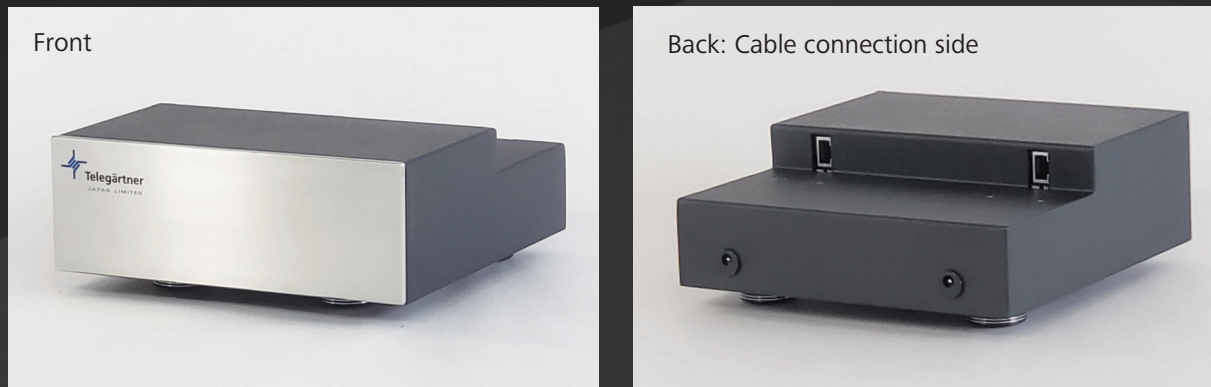
FLI-AUDNOV22-0116A

OPT BRIDGE 1000M
Optical Isolator

Japan Telegärtner Ltd.
www.telegaertner.co.jp

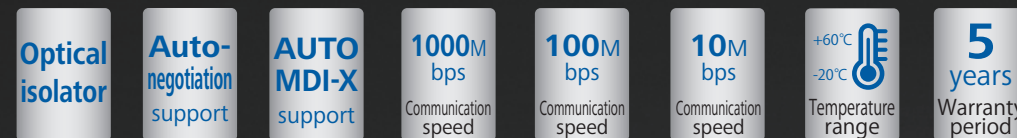
OPT BRIDGE 1000M Optical Isolator

~OPT BRIDGE for Network Audio~

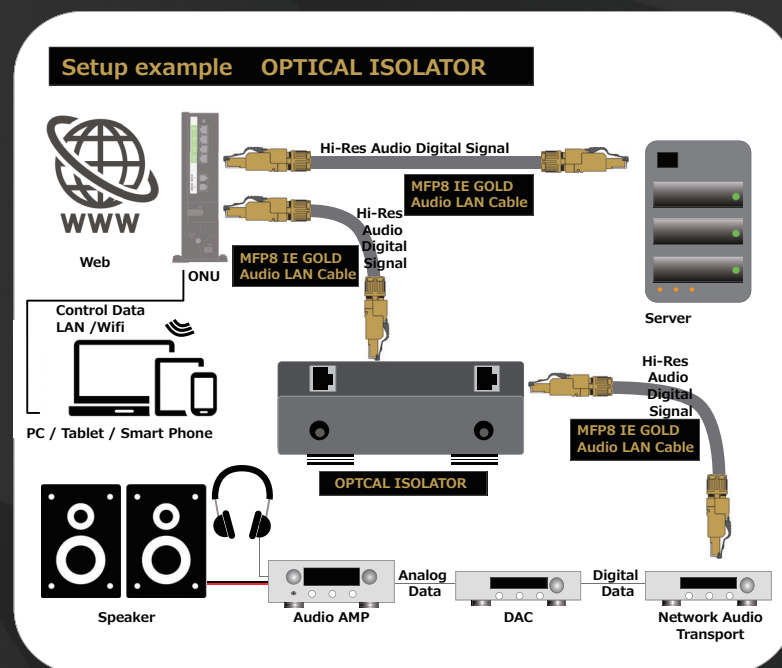


Optical Isolator OPT BRIDGE 1000M

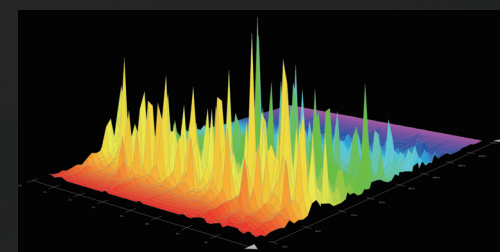
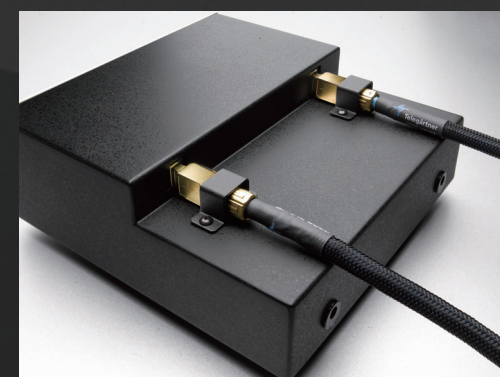
Product No. : MA-OPBR-XAP



- Product guaranteed temperature range of -20°C~ +60°C offers advantage for the installation area with temperature restrictions.
- Optical isolator section with delicate performance is stored in a box to enable best performance.
- Using the two AC-DC power adapters included in the package alleviates power noise and interference while not interfering with the ethernet signal line.
- Corresponds to 10Mbps/100Mbps/1000Mbps, and is equipped with an auto-negotiation function that automatically optimizes transmission speed between this device and equipment connected to ethernet, and transmission mode (full duplex/ half duplex).
- DIP switch set up enables fixed setting of transmission speed and mode by user.
- Product warranty period is five years.



Additional connection of Optical Isolator to audio network enables users to feel magnitude of sound quality, realistic sensation and minute changes.



Reference:
Sound waveform with WaveLab by Steinberg

Optical Isolator is a product with network audio applying optical communication technology accumulated over 25 years

Achievement by Japan Telegärtner products in the optical communication field



MA-OPBR-XAP Specifications

Standard	IEEE 802.3, IEEE 802u, IEEE 802.3ab
TP port Standard	10/100/1000BASE-T
Data forwarding method	Store-and-forward
MAC addresses	4K entries
Packet Size	Jumbo frame support Up to 12.2Kbytes
TP/LAN (ethernet) port	
Auto-negotiation	Enabled
Transmission rates Duplex support	1000Mbps Full duplex / 100Mbps Full duplex, 100Mbps half duplex / 10Mbps Full duplex / 10Mbps half duplex
Connector	RJ45 Shielded RJ-45 w/h 2 LEDs (Green, Yellow)
Compliant cable	4-pair UTP/STP Cat.5 up to 100 meters
Auto MDI/MDI-X	Yes
DC IN	
Power supply	AC-DC power adapter 12V,
Operating voltage range	DC +4.75 V ~ +18 V
Power consumption for device	7 W max. @ DC 12 V (3.5W max. @12V 2pcs)
Rated Input Voltag	AC 100 ~ 240 V
Rated input Frequency AC input only	50/60Hz
Environment	
Operating temperature range	-20 ~ 60 °C (including AC-DC power adapter)
Operating humidity	5 ~ 95 % RH (Without Condensation)
Storage Humidity	-40 ~ 85 °C (including AC-DC power adapter)