

FOI-6012 / TD-6012

FLEXIBLE INTERFACE DUAL TX/RX SFP/SFP+ WORKBOX



Description

The true “Swiss Army Knife” of fiber optic transport, the FOI(TD)-6012 in conjunction with any combination of a myriad of FiberPlex or third party **dual transmit or dual receive** SFP/SFP+ (Small Form-Factor Pluggable) optical & electrical modules, allows you to transport what you want, when you want it, how you want it, wherever you want it; all over one product solution... The FiberPlex FOI-6012 or TD-6012 and SFP/SFP+ modules should be in everyone’s toolbox.

For transceiver applications see the FOI-6010 or TD-6010.



SFP Modules not included

Features:

- High speed 12.5 Gbps SFP/SFP+ dual TX / dual RX ports
- For transceiver applications see the FOI(TD)-6010
- TD includes AC power adapter as well as a 3-position Phoenix™

Applications:

With the FOI(TD)-6012, the possible applications are virtually endless:

- Multimode to singlemode
- ASI, SD-SDI, HD-SDI & 3G-SDI to fiber
- MAD1 to fiber
- 4K UHD Video to fiber
- Video format conversion

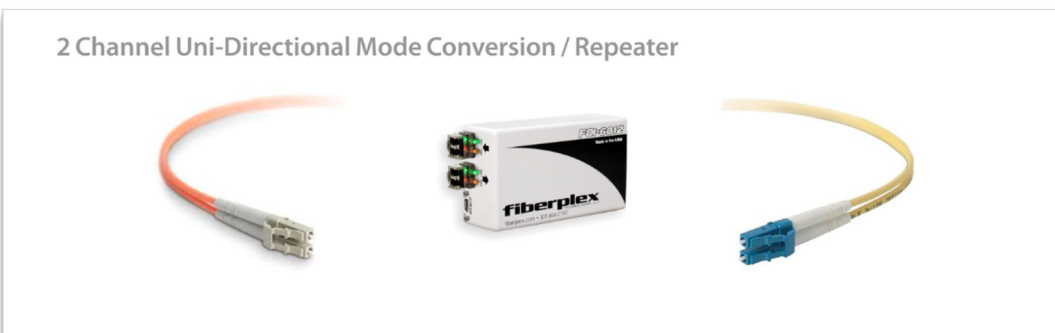
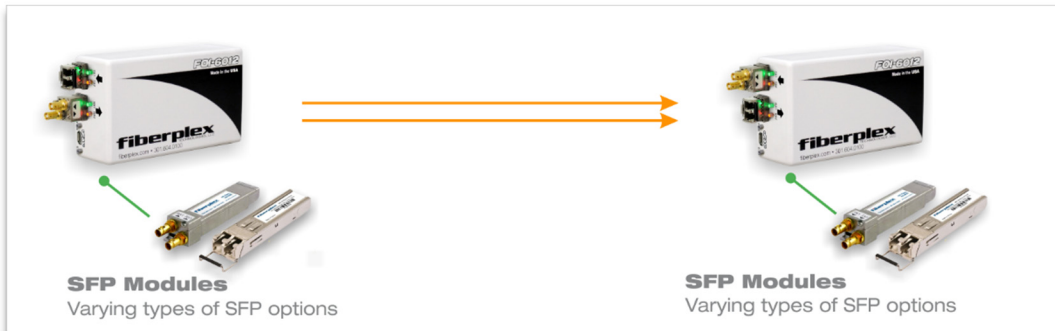
What’s the difference between the FOI and the TD versions?

Functionally, the FOI-6012 and TD-6012 are identical. The only differences are the packaging and power supply. The FOI-6012 is part of the FOI line of products designed for ruggedized military applications while the TD-6012 is housed in the commercial ‘Throw Down’ packaging.

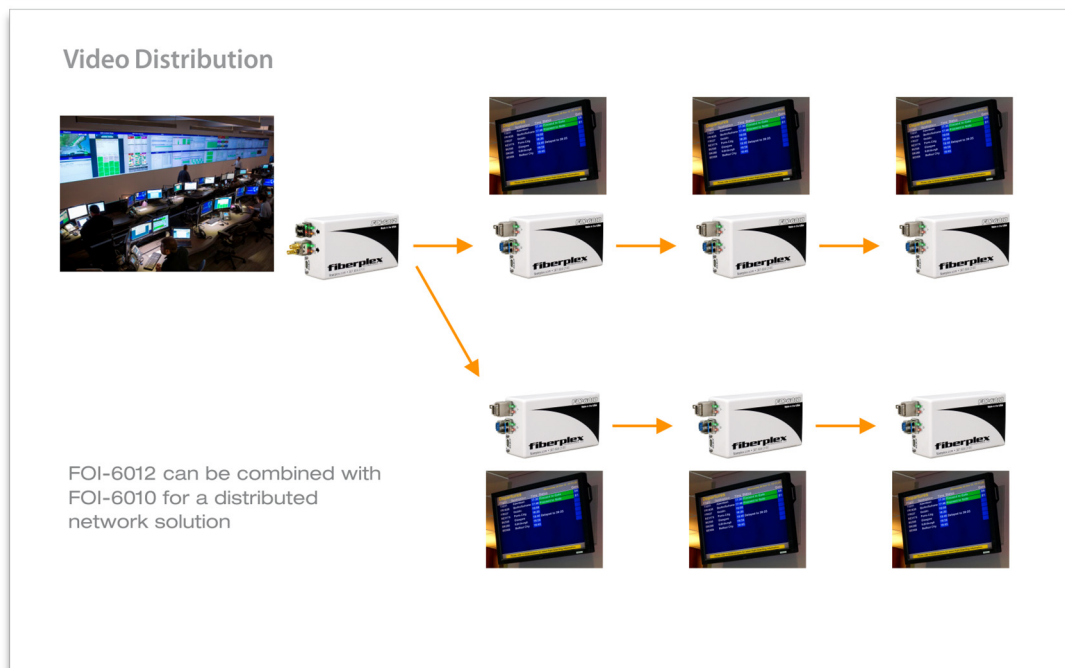
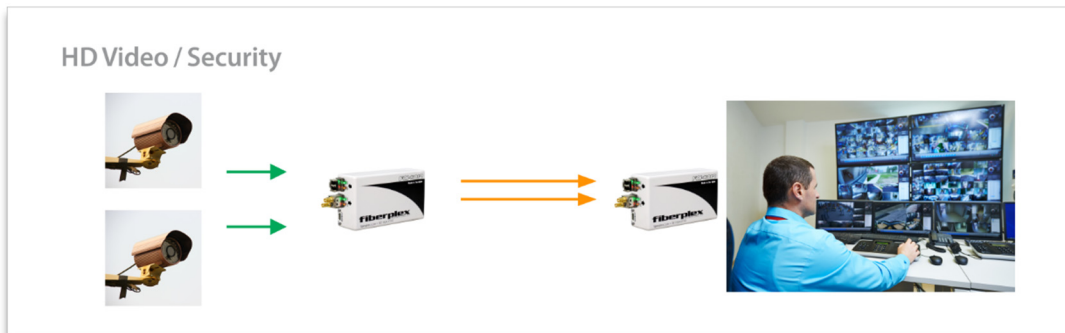
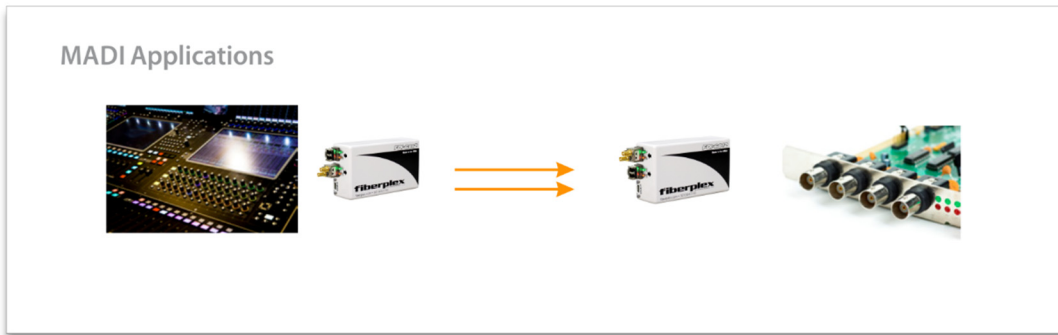
	FOI-6012	TD-6012
Standalone Power	Requires a PSQ-4909 AC supply or PSQ-4920 DC supply	Power Supply included
Power Connection	High Reliability Lemo™ connector	Both circular DC connector and 3-position Phoenix™ quick connect
Chassis Mounting	Uses the RMC series chassis for up to 9 units in 2U or 8 units with redundant power supply	6 units in a 1U with the optional TDR-01
Case	Mil-style sealed steel can enclosure	Durable anodized brushed aluminum

Typical Applications

The FOI(TD)-6012 facilitates interface between virtually any fiber optic devices. You simply choose the SFP transceiver modules you need for your application - the FOI(TD)-6012 does the rest:



Typical Applications



Ordering Information

FOI-6010 Accessories		Part Number	
PSQ-4909	Power Supply for size 4 FOI type isolator stand-alone configuration	TD-6010	Model: 6010 = Accepts Transceiver SFPs 6012 = Accepts Dual TX/RX SFPs
WMA-3002	Wall mount adapter for FOI type isolators		
RMC-3101	19" Rack mount chassis, 5 1/4" (3U) for FOI type isolators		
CMA-3002	Chassis Mounting Adapter for FOI type isolator		
TD-6010 Accessories		Series: FOI = Rugged Mil-Grade Housing TD = "Throw Down" Aluminum Housing	
TDR-01-AC	6 Position Rear Connect Powered Rack for TD Series Modules		
TDP	6 Position Front Connect Powered Rack for TD Series Modules		
TTM	6 Position Truss Mount AC Powered Rack for TD Series Modules		
TNE-03	NEMA 4X Rated Powered Enclosure for 3 TD Series Modules		
See fiberplex.com for more mounting and accessory options			