

# FOI-6010 / TD-6010

FLEXIBLE INTERFACE SFP/SFP+ TRANSCIEVER WORKBOX



## Description

The true “Swiss Army Knife” of fiber optic transport, the FOI(TD)-6010 in conjunction with any combination of a myriad of FiberPlex or third party SFP/SFP+ (Small Form-Factor Pluggable) optical & electrical transceiver 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-6010 or TD-6010 and SFP/ SFP+ module should be in everyone’s toolbox.



SFP Modules not included

**For dual TX / dual RX applications see the FOI-6012 or TD-6012.**

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

Functionally, the FOI-6010 and TD-6010 are identical. The only differences are the packaging and power supply. The FOI-6010 is part of the FOI line of products designed for ruggedized military applications while the TD-6010 is housed in the commercial ‘Throw Down’ packaging.

	FOI-6010	TD-6010
<b>Standalone Power</b>	Requires a PSQ-4909 AC supply or PSQ-4920 DC supply	Power Supply included
<b>Power Connection</b>	High Reliability Lemo™ connector	Both circular DC connector and 3-position Phoenix™ quick connect
<b>Chassis Mounting</b>	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
<b>Case</b>	Mil-style sealed steel can enclosure	Durable anodized brushed aluminum

## Features:

- High speed 12.5 Gbps SFP/SFP+ transceiver ports
- For dual TX / dual RX applications see the FOI(TD)-6012
- TD includes AC power adapter as well as a 3-position Phoenix™
- uFAC port that allows for monitoring & programming of the SFP/SFP+ modules

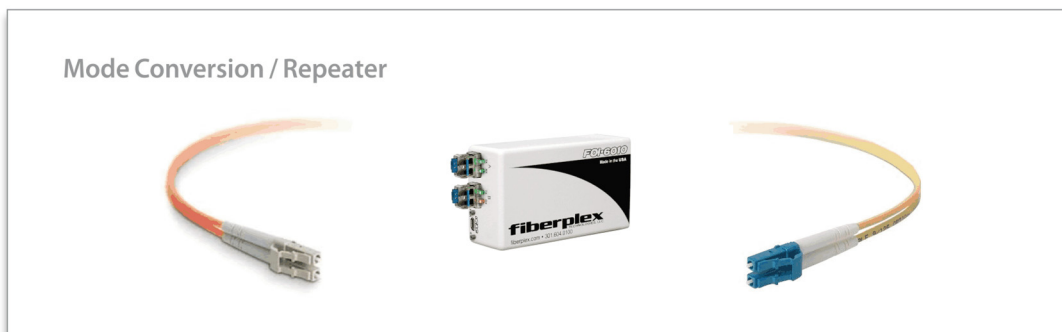
## Applications:

**With the FOI(TD)-6010, the possible applications are virtually endless:**

- Multimode to singlemode
- Optical standard duplex to single fiber bidirectional (BiDi) transport
- Fiber optic repeater
- Optical wavelength conversion
- 10/100/1000 Ethernet to fiber
- ASI, SD-SDI, HD-SDI & 3G-SDI to fiber
- HDMI/DVI to fiber
- MADI to fiber
- 4K UHD Video to fiber
- Video format conversion

## Typical Applications

The FOI(TD)-6010 facilitates interface between virtually any fiber optic devices. You simply choose the SFP transceiver modules you need for your application - the FOI(TD)-6010 does the rest:



Typical Applications

**MADI Applications**

**Ethernet Applications**

**HD Video / Security**

**Video Distribution**

Ordering Information

FOI-6010 Accessories		Part Number
PSQ-4909	Power Supply for size 4 FOI type isolator stand-alone configuration	TD-6010
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	
<b>TD-6010 Accessories</b>		
TDR-01-AC	6 Position Rear Connect Powered Rack for TD Series Modules	Series: FOI = Rugged Mil-Grade Housing TD = "Throw Down" Aluminum Housing
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	
PSA-T913	Spare Wall Power Adapter for TD Series Modules, 9V @ 1.3A	