

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.

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.



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:

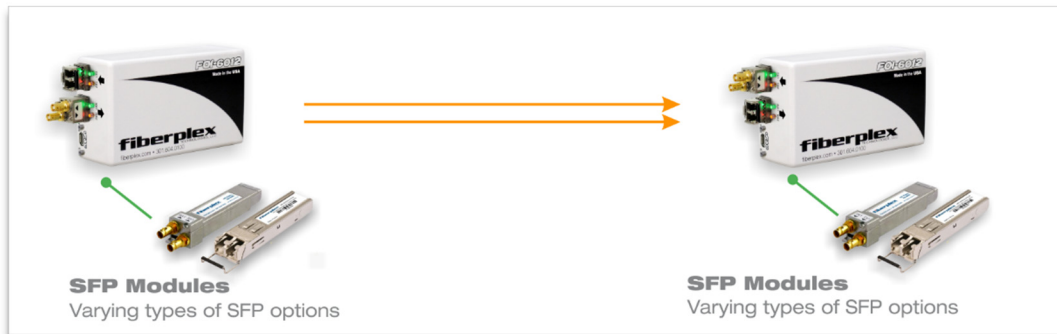
With the FOI(TD)-6012, the possible applications are virtually endless:

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

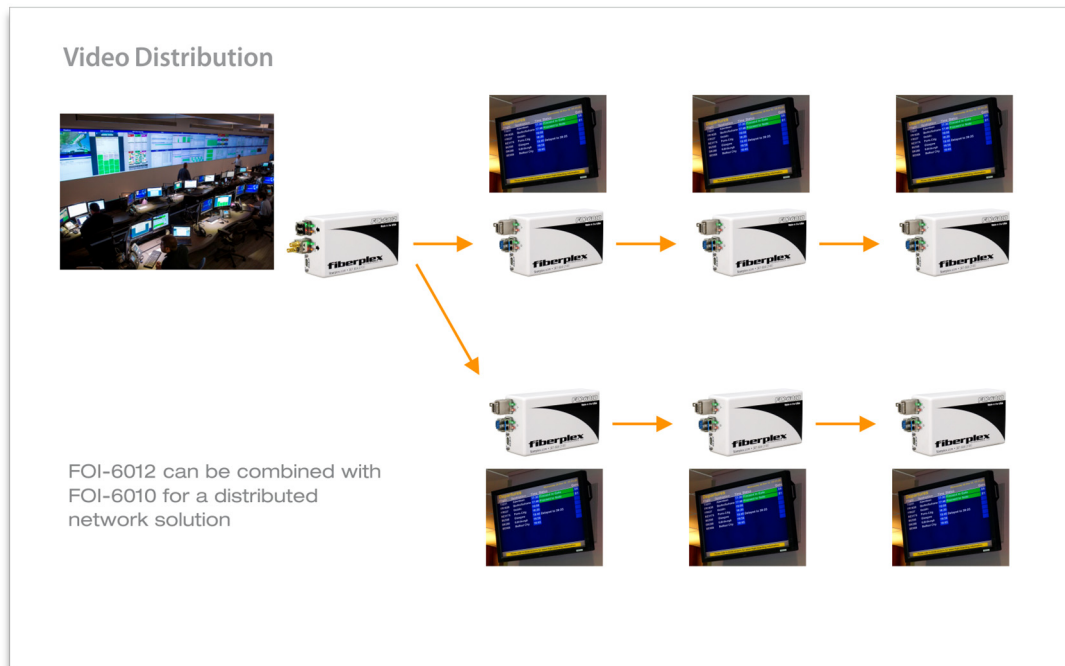
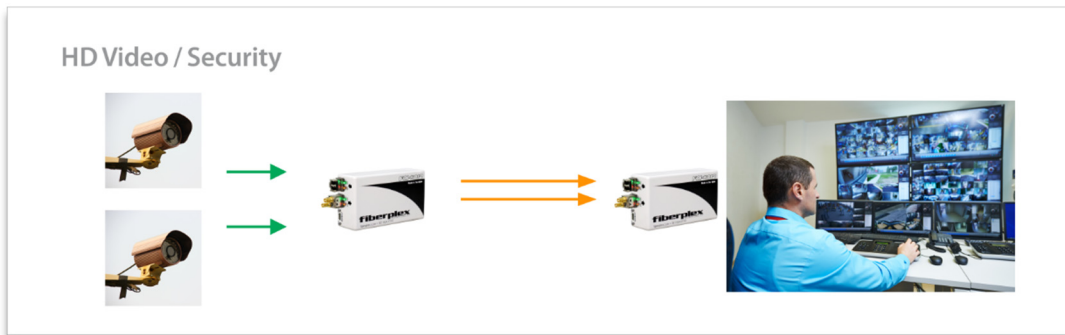
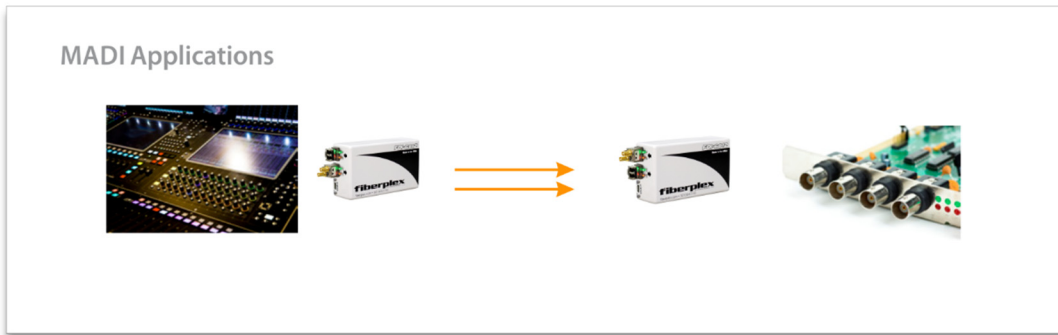
| | FOI-6012 | TD-6012 |
|-------------------------|--|--|
| Standalone Power | Requires a 25-0903 PSQ-4909 AC supply or 25-0905 PSQ-4920 DC supply | Power Supply included |
| Power Connection | High Reliability Lemo™ connector | Both circular DC connector and 3-position Phoenix™ quick connect |
| Chassis 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 25-0901 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 |
|---|---|--|
| 25-0903PSQ-4909 | Power Supply for size 4 FOI type isolator stand-alone configuration | TD-6010 |
| 25-0907 WMA-3002 | Wall mount adapter for FOI type isolators | |
| 25-0908 RMC-3101 | 19" Rack mount chassis, 5 1/4" (3U) for FOI type isolators | |
| 25-0910 CMA-3002 | Chassis Mounting Adapter for FOI type isolator | |
| TD-6010 Accessories | | Model: 6010 = Accepts Transceiver SFPs 6012 = Accepts Dual TX/RX SFPs Series: FOI = Rugged Mil-Grade Housing TD = "Throw Down" Aluminum Housing |
| 25-0901 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 | | |