

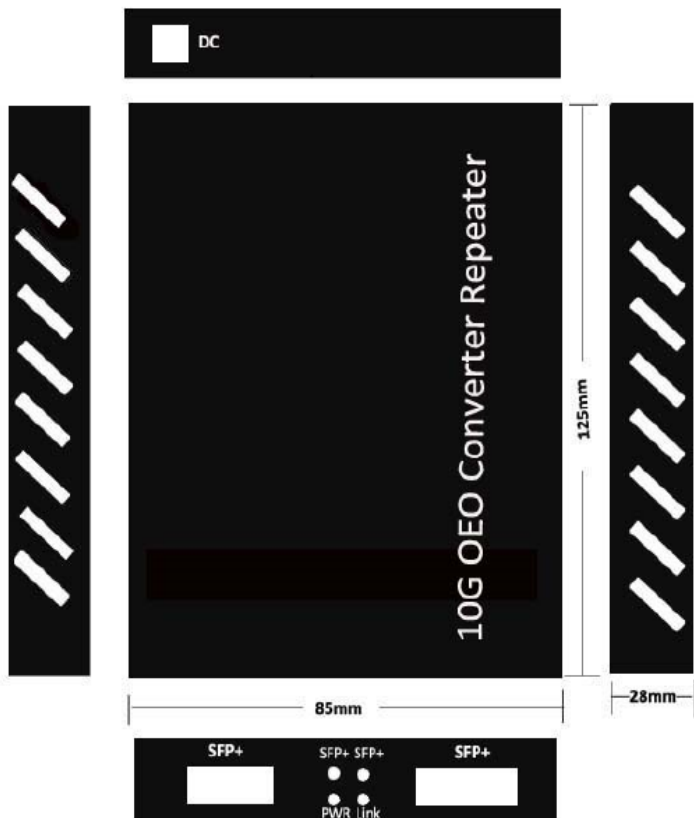


Features:

- 3R Repeater(Re-amplification, Re-shaping and Re-clocking)
- Fiber to fiber repeater
- SFP to SFP or SFP+ to SFP+
- Provides conversion between different types of fiber
- Supported transmission distance based on the SFP modules and fiber type used
- Support 3R(Reamplify, Reshape, and Retime) signal regeneration
- No frame size limitations
- Use as a fiber mode converter
- Use as a specific wavelength CWDM Transponder

Description:

The ITT-MC-1GE-2SFP is stand-alone 10G OEO Converter (3R Repeater) with SFP+ to SFP+ Slot. It supports data transmission from 2 SFP+ ports. It's a fiber to fiber repeater which supports 3R (Reamplify, Reshape, and Retime)signal regeneration. In this way it can be used to perform reliable and cost-effective single mode to multimode conversion.



Technical Parameters:

• Equipment Function	➤ 3R Repeater
• Transmission Speed	➤ 10Gb/s(9.95Gb/s-11.5Gb/s)
• Protocols	<ul style="list-style-type: none"> ➤ IEEE802.3ae (10Gbase-SR/LR/ER/ZR/LRM) ➤ ITU.G.709 ➤ Multi-sourcing Agreement(MSA) ➤ Small Form Factor Pluggable(SFP)
• Access Type	➤ 10G LAN/ 10G WAN
• Maximum Packet Forwarding Rate	➤ 14,880,950/S
• Network management information	<ul style="list-style-type: none"> ➤ SFP+ or XFP fiber module detection ➤ SFP+ or XFP fiber module DMI function (Temperature, Voltage, Optical power) ➤ Link status detector ➤ Enable/Disabled Loopback test function ➤ Rate select (10Gbase-Lan or Wan)
• Interface Type	<ul style="list-style-type: none"> ➤ Type A: SFP+ To/From SFP+ ➤ Type B: SFP+ To/From XFP ➤ Type C: XFP To /From XFP
• Transmission Distance	<ul style="list-style-type: none"> ➤ Up to SFP+ module (Max 40Km) ➤ Up to XFP module (Max 80Km) ➤ External AC/DC power supply, Universal AC ➤ 100-240VAC input, ➤ 5VDC 3A output ➤ Power consumption: .6W
• Work Environment	<ul style="list-style-type: none"> ➤ Operating Temp: -20~ 50 °C ➤ Storage Temp: -40~85 °C ➤ Humidity: 5%~95% (non-condensing)
• Dimension	➤ Standalone :125mm (W)×85mm(D)×28mm(H)