

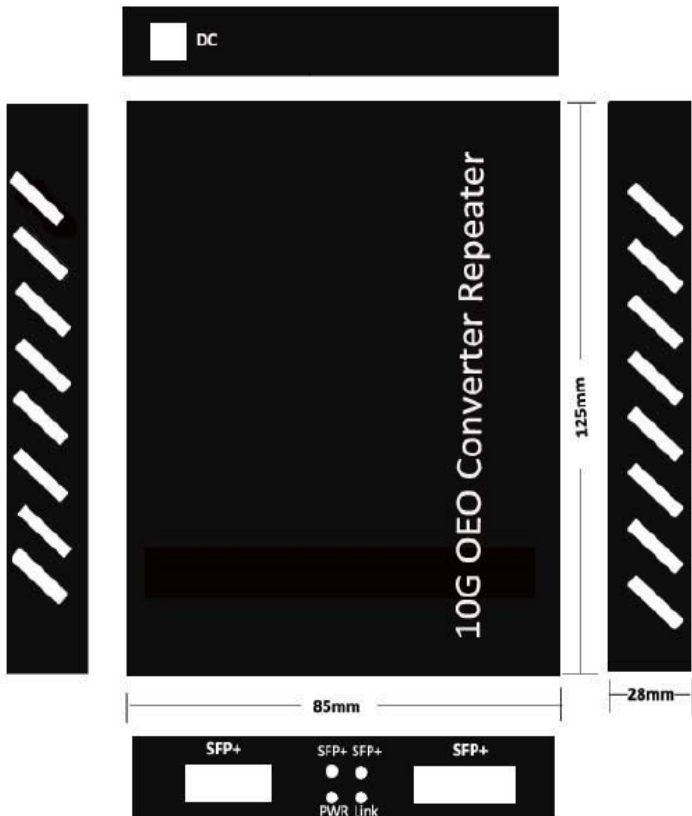


### Features:

- 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-MC1764 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:

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