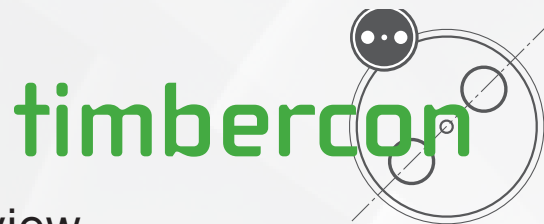


12-Fiber MPO/MTP® Loopbacks



Applications

- 40GbE QSFP+ Optical Testing
- Research and Development
- Manufacturing Test
- Troubleshooting
- Quality Control
- Training

Features

- Rugged Shell Design
- Dust Cap for Safe Storage
- Definable Attenuation Levels from 0dB to 20dB

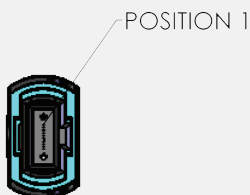
Benefits

- Easy Insertion and Extraction
- Easy Part Identification
- Precise Optical Performance

Performance

| Description | Measurement/Detail |
|-----------------------|--------------------|
| Insertion Loss | 1.0dB |
| Mating Durability | -0.2 dB |
| Operating Temperature | -40°C to 85°C |

| PINOUT TABLE | |
|--------------|----------|
| MT POS | COLOR |
| 1 | BLUE |
| 2 | ORANGE |
| 3 | GREEN |
| 4 | BROWN |
| 5 | INACTIVE |
| 6 | INACTIVE |
| 7 | INACTIVE |
| 8 | INACTIVE |
| 9 | BROWN |
| 10 | GREEN |
| 11 | ORANGE |
| 12 | BLUE |



Overview

In response to the demand for optical testing of 40GbE and 100GbE applications, Timbercon has released the 12-fiber MPO/MTP® optical loopback. The device is available in single mode (yellow) or multimode versions (aqua) and incorporates a rigid, premium quality shell for fiber protection and durability.

Typically used for test and measurement procedures in laboratory and manufacturing environments, the device is ideal for a multitude of applications that require signal looping in a MPO/MTP® form factor.

Timbercon 12-fiber optical loopbacks are easily customizable with customer specified pinout configurations and attenuation levels (0dB to 20dB). The standard configurations and pinout table are shown below.

MTP® is a registered trademark of US Conec LTD



About Timbercon

Timbercon, Inc., founded in 1997 is a fiber optic product and solution manufacturing company providing a variety of connectivity solutions to the defense, aerospace, medical, data storage, telecommunications and industrial industries. In addition to standard fiber optic assemblies and attenuated loopbacks, Timbercon has pioneered many proprietary products. Additional company information can be found at www.timbercon.com.