

## MPO-MPO Style Duplex Fiber Optic Adapter

### Description

The BlueOptics© SFC5251XK0X Fiber Optics Adapter is a high performance, cost effective solution to connect two E2000 multi mode cables.

All BlueOptics© Fiber Optics Adapters come with low insertion loss.

BlueOptics© Fiber Optics Adapter are available in many different variants to fit your needs:

- Multi Mode or Single Mode
- LC, SC, or E2000 Connector
- PC or APC Polish
- Simplex, Duplex or Quad
- Hybrid Type

### Features

- ✓ 1x MPO Connector
- ✓ High Quality Ceramic Phosphor Bronze Ferrule
- ✓ For multi mode or single mode fiber usage
- ✓ Insertion Loss:  $\leq 0.3\text{dB}$
- ✓ Highest Connector Quality: Up 1500 mating cycles
- ✓ Mechanical resistance up to 300g
- ✓ Single Packed

### Applications

- ✓ Telecom Networks
- ✓ Datacom Networks
- ✓ CATV Systems
- ✓ Fiber Optic Network

## Warnings

**Laser Safety:** Even small radiation emitted by laser devices can be dangerous to human eyes and lead to permanent eye injuries. Be sure to avoid eye contact with direct or indirect radiation.

## Warranty

Every BlueOptics© Fiber Optic Adapter comes with a 25 year replacement warranty and lifetime support.

For a warranty inquiry, please contact your CBO sales representative.

This warranty only covers the first user of the equipment.

## Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by CBO before they become applicable to any particular order or contract. In accordance with the CBO policy of continuous improvement specifications may change without notice.

The publication of information in this data sheet does not imply freedom from patent or other protective rights of CBO or others.

Further details are available from any CBO sales representative.

## Installation

Before installation attach an ESD-preventive wrist to ensure not to damage your hardware.

Remove the dust caps of the adapter.

Put the MPO connectors of your cables into the MPO sockets of the adapter until you hear a "click" sound.

You can now use your connection.

### *If you got problems with the connection:*

- *Please make sure the connector is clean. If not, use a tissue and anhydrous alcohol to clean it accurate.*

## 1. Specifications

Parameter	Value	Unit
Ferrule	Ceramic Phosphor Bronze	
Insertion Loss	<0.3 (1500 mating cycles)	dB
Medium	multi mode fiber	
Operation temperature	-40 to +85	°C
Storage temperature	-40 to +85	°C