

## **MT-MPO** **STANDARD ADAPTER** Non-Shuttered SC/LC-Footprint Center Key and Offset Key



SENKO's MT-MPO Hybrid Standard Adapter bridges MT ferrule and MPO connector, ensuring precision alignment for reliable performance, and easy installation to save time and effort. The adapter offers options for both center key and offset key.

This adapter is the ideal choice for MPO-12 and MPO-16 One row Optical Interface within QSFP-DD, OSFP and OSFP-XD transceiver modules. It supports high bandwidth transceivers (400G, 800G, 1.6T) for Machine Learning and AI-driven applications.

With an optional mount clip, the Hybrid Standard Adapter is designed to fit legacy hardware incorporating a SC simplex (LC duplex) cut-out. Additionally, the compact MT Ferrule side allows users to reduce the depth of transition cassettes or modules, freeing up valuable space at the rear of the panel for behind-the-wall (BTW) connectivity, such as PCIe cards.

### FEATURES

- MT-MPO hybrid Adapter
- SM/APC; MM/UPC
- Reduced flange
- SC footprint
- Center key and offset key
- With or without mounting clip
- High precision alignment
- Easy installation

### APPLICATIONS

- Transceiver
- BTW (Behind The Wall)

### KEY BENEFITS

- ✓ **Retro-fittable to SC/LC cut-outs**
- ✓ **QSFP-DD footprint**
- ✓ **OSFP footprint**
- ✓ **OSFP-XD footprint**

**MT-MPO STANDARD ADAPTER**

Non-shuttered, SC/LC-footprint, center key and offset key

MT-MPO DATA SHEET

**Mechanical Data**

	Value
Durability	50 matings per GR-1435-CORE
Fixing Method	Snap-fit ( <i>adapter with mount clip</i> )
Housing Material Type	Plastic

**Environmental Data**

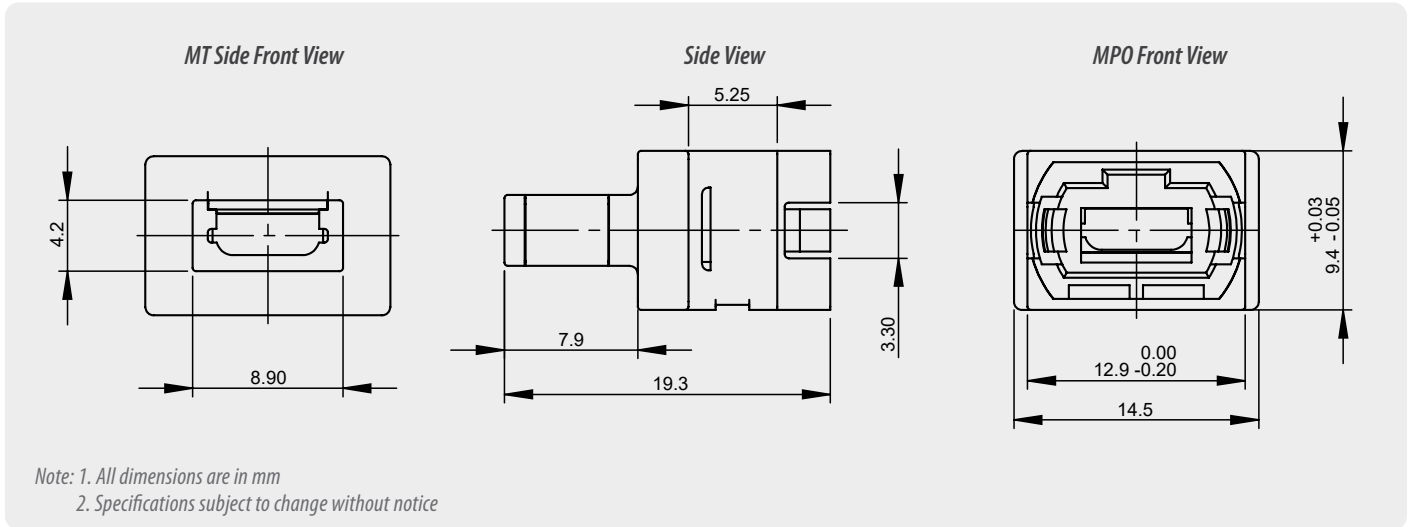
	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes
Humidity Resistance	95%

# MT-MPO STANDARD ADAPTER

Non-shuttered, SC/LC-footprint, center key and offset key

MT-MPO DATA SHEET

## Adapter Drawing



## ORDERING



MT-MPO Standard Adapter

ADAPTER TYPE		FERRULE TYPE		ADAPTER COLOR		SHUTTER	
7U1	MT-MPO Standard Adapter, Center Key	SM	APC MT Ferrule Alignment	1	Black	NONE	No Mount Clip
7U2	MT-MPO Standard Adapter, Offset Key	MM	UPC MT Ferrule Alignment			C	With Mount Clip

7U1 - SM - 1 - C ORDER CODE example

# SENKO<sup>®</sup>

Advanced Components

sales-americas@senko.com  
1-858-623-3300

[senko.com/contact](https://senko.com/contact)