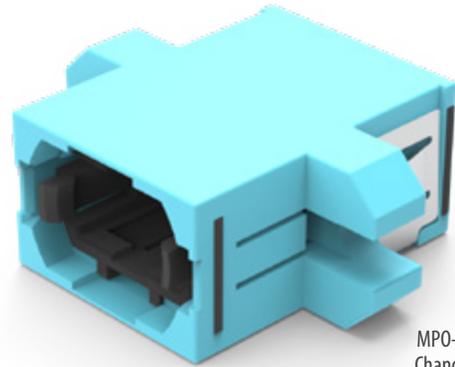


MPO-PLUS[®] **POLARITY CHANGEABLE** **ADAPTER** **773 / 774 / 7W3 / 7W4 Series**



MPO-PLUS[®] Polarity Changeable Adapter

SENKO's MPO-PLUS[®] Polarity Changeable adapters are available for either center key MPO connectors (12, 24, 48 and 72 fibers) or offset key MPO connectors (16 and 32 fibers). These adapters can either be snapped into panel cut-outs or screwed into place using an appropriate screw and nut.

The TIA-568 specification allows for three standard polarity options, A, B and C. Polarity changing is made simple with the SENKO polarity changeable adapter by inserting the tool into the front of the adapter to extract the keyway. Once removed the keyway is flipped and inserted into the adapter body, changing adapter from key up/key down to key up/key up configuration, effectively reversing the polarity of the connection.

The SENKO MPO-PLUS[®] Polarity Changeable adapter future proofs your network from potential costly downtime due to improper cable polarity, making it a valuable choice for data centers, telecom, and other applications requiring MPO connectivity.

FEATURES

- Polarity changeable
- Center and offset keyways
- One piece outer body construction
- Flanged and reduced flange

APPLICATIONS

- Artificial intelligence (AI)
- FTTx
- Broadcasting
- Medical imaging
- Data center
- Cloud computing
- High performance computing (HPC)

KEY BENEFITS

- ✓ **Polarity changing for flat polished MPO**
- ✓ **Versatile - reduces SKUs needed**
- ✓ **Color coded for fiber type identification**
- ✓ **Compatible with Micro Latch, Bayonet and industry standard MPO connectors**

Mechanical Data

| | Value |
|-----------------------|--|
| Durability | 50 matings per GR-1435 |
| Fixing Method | Snap-fit or screw and nut (<i>adapter with flange</i>) |
| Housing Material Type | Plastic |

Environmental Data

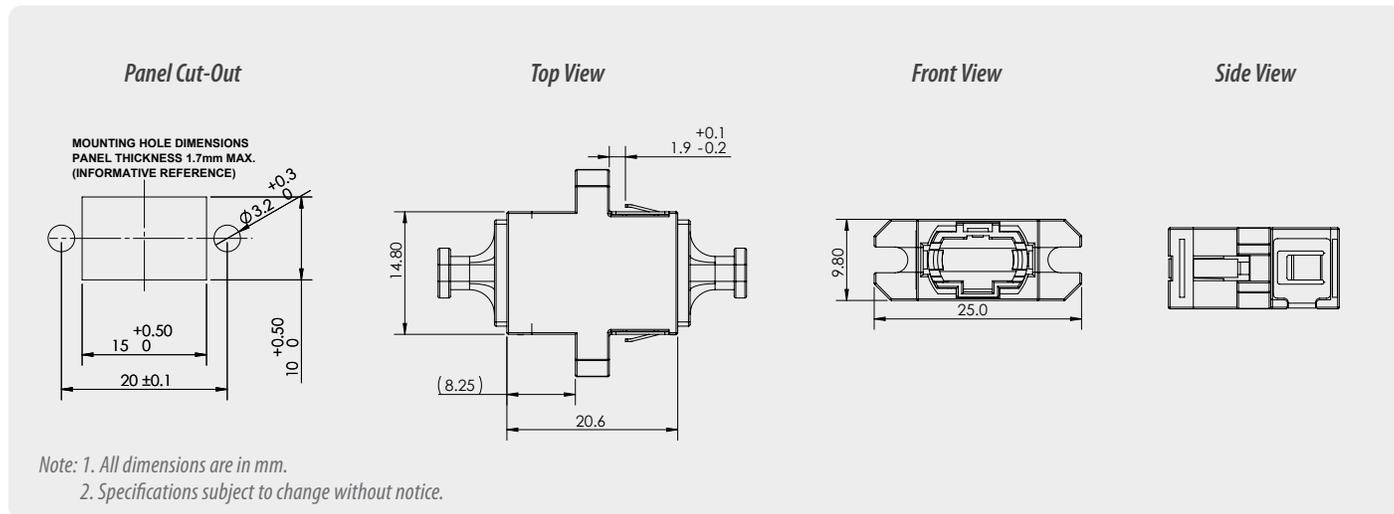
| | Value |
|-----------------------|----------------|
| Operating Temperature | -40°C to +75°C |
| RoHS Compliance | Yes |
| REACH Compliance | Yes |

MPO-PLUS® POLARITY CHANGEABLE ADAPTER

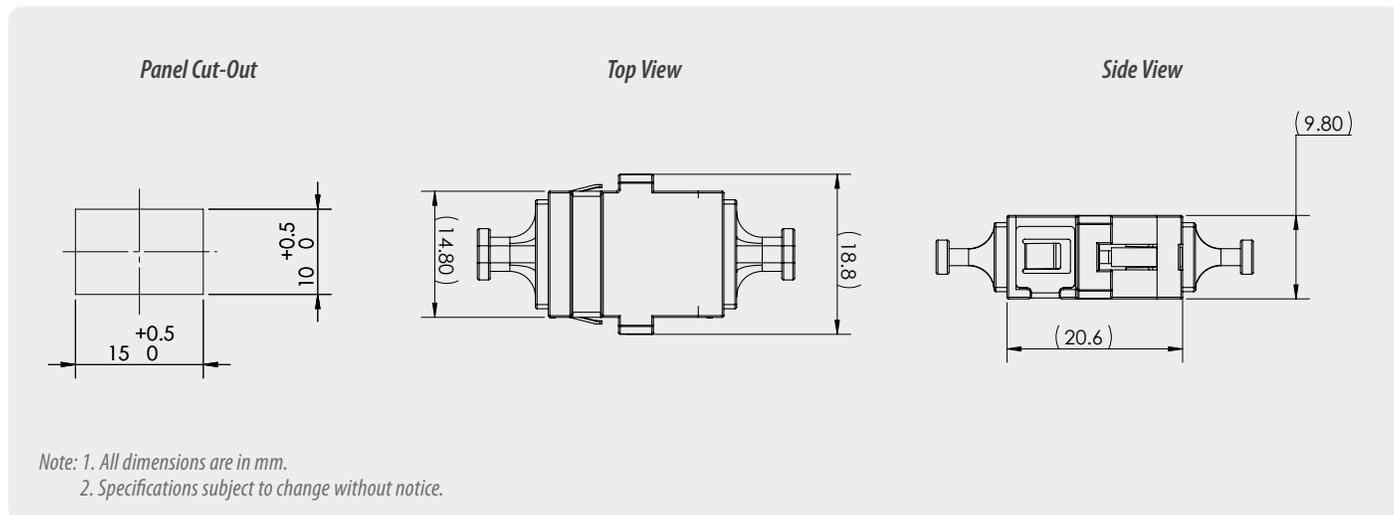
773, 774, 7W3 and 7W4 series

MPO-PLUS® POLARITY CHANGEABLE ADAPTER DATA SHEET

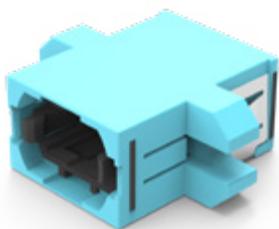
Adapter Drawing - 773-X Center Keyway with Flange



Adapter Drawing - 7W4-X Offset Keyway no Flange



ORDERING



MPO-PLUS® Polarity Changeable Adapter with Flange

| ADAPTER FLANGE | | ADAPTER COLOR | |
|----------------|-----------------------------|---------------|--------------------|
| 773 | Flange (Standard Flange) | 1 | Black |
| 774 | No Flange (Reduced Flange) | 2 | OM3 Aqua |
| 7W3 | MPO 16/32F, Standard Flange | 3 | OM4 Heather Violet |
| 7W4 | MPO 16/32F, No Flange | K | Gray Aligned Key |

773 - 1 ORDER CODE example

Accessories - Cleaning

Smart CleanerTM

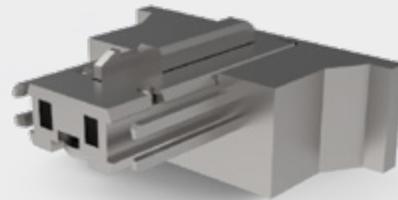
PN: SCK-SS-MPO (12/24F Center Key Connectors)
PN: SCK-SS-MPO-02 (16/32F Offset Key Connectors)



MPO-PLUS®

Polarity Changeable Adapter
Extraction Tool

P/N: RMT-609



Accessories - Interferometry

SUMIX Manta W+ Inspection Scope

PN: SMX-Manta-W+



- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5µm defect detection
- Inspection tips for MPO, CS, SN, LC available

SUMIX Max QM+ Inspection Scope

PN: MAX-Quantum



- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5µm defect detection

SMX Manta W+
MPO Polarity and Continuity Module

PN: MPO Verifier



- Works for 8, 12, 24, 48 and 16, 32 fiber MPO
- Auto test and analysis

SMX Manta W+ Benchtop Holder

PN: MNT-W-Stand



SENKO[®]

Advanced Components

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