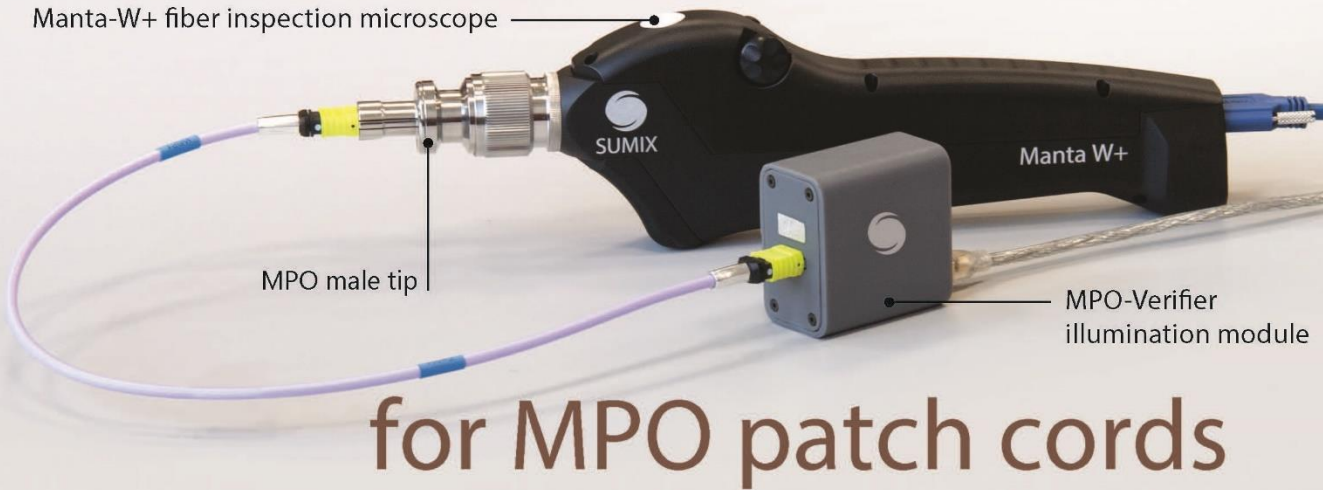


# Polarity, continuity and endface inspection solution



MaxInspect™ analytical software



# Applications

- MPO patchcord and transceiver manufacturing;
- Network installation;
- Incoming inspection.

Since contamination and improper fiber crossing are key issues disrupting network performance, Sumix offers a single solution covering the **three essential tests needed to verify MPO cables** prior to installation and save troubleshooting time when cables are put into service:

- End-to-end polarity validation — type A (Straight), B (Crossed), C (Cross pairs) or custom;
- Continuity confirmation to quickly check if there are no damaged fibers;
- Connector endface inspection and Pass/Fail analysis to check for contamination, scratches, and defects that can impact signal transmission.

Name: Result4631  
Date & Time: 9/17/2019 3:56:34 PM  
Task name: MT12 verification tool  
Connector ID:  
Customer:  
Technician: Admin  
Company: Sumix  
Polarity type for checking: Type B

Side A	1	2	3	4	5	6	7	8	9	10	11	12
Side B expected	12	11	10	9	8	7	6	5	4	3	2	1
Side B actual	12	11	10	9	8	7	6	5	4	3	2	1

PASS

← NEW MEASURE

- Print
- Print to PDF
- X Export to Excel
- Send Result to Database

The software can be adjusted to **custom fiber wiring** making Sumix solution an essential tool to determine the position of each MPO fiber and to verify proper fiber order at the output.

## How does it work?

MPO-Verifier from Sumix is an LED light module illuminating optical fibers of MPO connector in determined sequence. Manta-W+ fiber microscope performs optical inspection of the connector and identifies luminous optic fibers. The software analyzes the sequence of illuminated fibers on each end of the MPO cable and provides information about polarity type of the patchcord as well as each optic fiber position.

## Features

- Supports 12/24/48-fiber and 16/32-fiber MPO, both male and female types, MM and SM;
- Very compact solution (dimensions of MPO-Verifier are: W32 mm x L53 mm x H53 mm);
- Non-contact scan (MPO fibers and pins remain intact);
- Automated test and analysis;
- Applicable for short fiber links.



For more information or get a demo unit, contact your local Senko sales person or email us at [sales@senko.com](mailto:sales@senko.com).