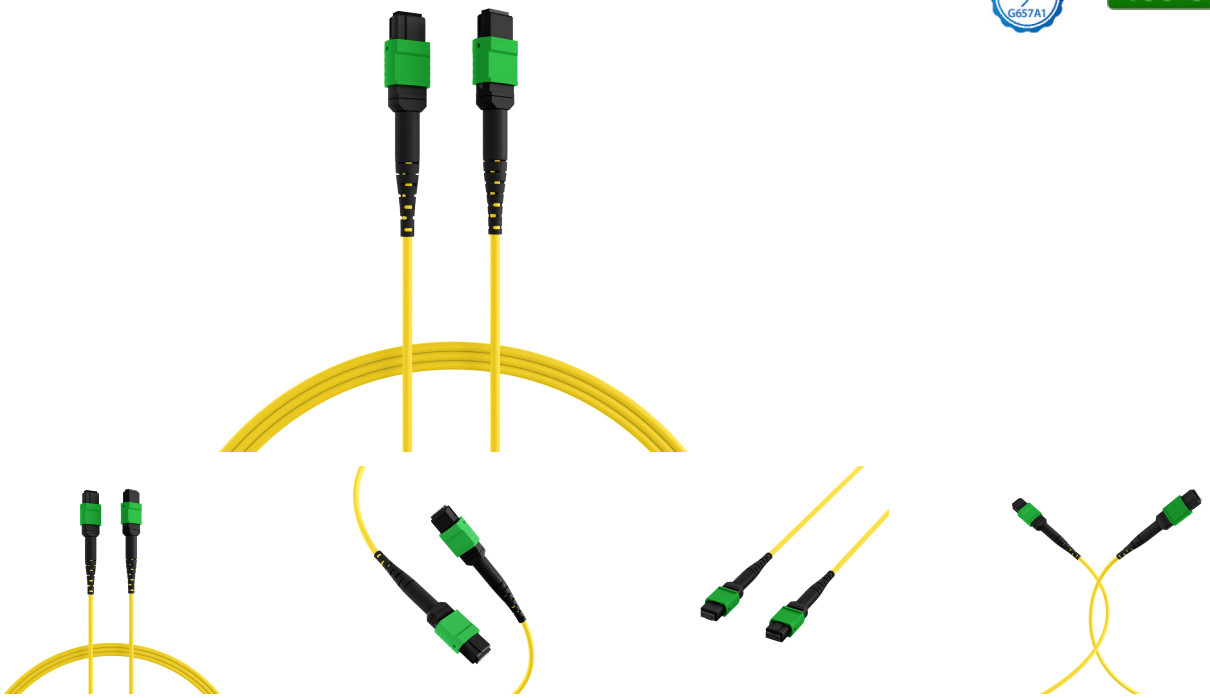
# DATASHEET

## MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 1m

100 Gbit



### General data

Application:
Suitable for transmission distances up to 400 gigabits.

Construction:
1 MPO-PLUS® female multi-fiber connector on one side,
1 MPO-PLUS® female multi-fiber connector on the other side.
MPO single-mode connectors are in APC configuration.
MPO connector manufacturer: SENKO
MPO LowLoss version: IL max. 0.35 dB
Matrix: 12 fibers
Multi-fiber connector cable diameter: 3 mm
Color: OM4, OM3, and OS2 according to color code DIN VDE 0888

### Technical properties

| | |
|---|---|
| Cable Diameter | 3.0 mm |
| Category | OS2 |
| Coding | Crossed |
| Colour outer sheath | yellow |

**This datasheet was created automatically on 24-10-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 1m

| | |
|---|---|
| Connector connection 1 | MPO-PLUS®/APC(F) |
| Connector connection 2 | MPO-PLUS®/APC(F) |
| Crossed | Yes |
| Data rate | 40G/ 100G/ 400G |
| Fibre type | G657A1 9/125 |
| Flame retardant | IEC 60332-1 |
| Guide pins side A | False |
| Guide pins side B | False |
| Halogen free (according to EN 50267-2-3) | True |
| Material outer sheath | LSZH |
| Operating temperature | -20 – 70 °C |
| Storage Temperature | -20 – 70 °C |
| Wave length | 1310/ 1550 nm |
| With rodent protection | False |

**Available variants**

| ArtNr. | Bezeichnung | Length | Number of connectors connection 1 | Number of connectors connection 2 | Number of fibres |
|---|---|---|---|---|---|
| MPOF12MPOFOS2-1 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,12 Fibers Typ B LSZH yellow 1m | 1 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 12 |
| MPOF12MPOFOS2-10 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,12 Fibers Typ B LSZH yellow 10m | 10 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 12 |
| MPOF12MPOFOS2-2 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,12 Fibers Typ B LSZH yellow 2m | 2 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 12 |
| MPOF12MPOFOS2-3 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,12 Fibers Typ B LSZH yellow 3m | 3 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 12 |
| MPOF12MPOFOS2-5 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,12 Fibers Typ B LSZH yellow 5m | 5 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 12 |
| MPOF8MPOFOS2-1 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 1m | 1 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 8 |
| MPOF8MPOFOS2-10 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 10m | 10 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 8 |

**This datasheet was created automatically on 24-10-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET

## MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 1m

| | | | | | |
|---|---|---|---|---|---|
| MPOF8MPOFOS2-2 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 2m | 2 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 8 |
| MPOF8MPOFOS2-3 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 3m | 3 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 8 |
| MPOF8MPOFOS2-5 | MPO-PLUS®/APC(F)-MPO-PLUS®/APC(F) Patch Cord OS2,8 Fibers Typ B LSZH yellow 5m | 5 m | 1 x MPO-PLUS®/APC(F) | 1 x MPO-PLUS®/APC(F) | 8 |

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

**This datasheet was created automatically on 24-10-2026 . Technical changes reserved.**

EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION