

# PRODUCT SPECIFICATION

CONNECT

IT

## EUROLAN PATCH MPO

### Ordering information

| Part number        | E-number | Description                   |
|--------------------|----------|-------------------------------|
| 49M-S2-MPO-LC-02YL | 5066970  | PATCH MPO 8XLC/UPC SM 2M LSZH |
| 49M-S2-MPO-LC-03YL | 5066971  | PATCH MPO 8XLC/UPC SM 3M LSZH |



MPO breakout assemblies are used in parallel optics and duplex transmission cross connect systems to increase cable density between switch and server cabinets. Designed for high density fiber patching in data centers, they ensure peak performance throughout your local area network. Allow for rapid deployment of high-density, multi-port patch field connectivity for Storage Area Network (SAN) applications.

### Technical information

|                        |                               |
|------------------------|-------------------------------|
| Fiber count            | 8                             |
| Fiber Mode             | Singlemode                    |
| Fiber brand            | SMF-28 Ultra optical fiber    |
| Connector A            | MPO Male, Senco MPO           |
| Connector B            | 8xLC                          |
| Polarity               | Type A                        |
| Cable Jacket Ratings   | Plenum (OFNP)                 |
|                        | Low Smoke Zero Halogen (LSZH) |
|                        | Riser (PVC)                   |
| Color cable jackets    | Yellow                        |
| Color connectors       | MPO- Green, LC- Blue          |
| Cable diameter         | 3,0mm                         |
| Breakout leg           | 2,0mm                         |
| Breakout lenght        | 0,5m                          |
| Minimum bending radius | 10,0mm                        |
| Operating temperature  | -10°C to +70°C                |
| Storage temperature    | -40°C to +85°C                |

- US Conec MTP connector, Senko MPO Plus premium connector
- Corning Clearcurve multimode fiber. SMF-28 Ultra optical fiber
- LC, SC, FC, ST connectors available
- OS2, OM4, OM3 available
- 0,35dB elite low loss connector
- Factory terminated and tested

### Standard compliance

- ROHS, CE (EN 50575 CPR) and ISO9001 Compliant
- EIA/TIA, Telecordia GR-326-CORE standards
- IEC61754-7
- TIA 605-4 (FOCIS 5)

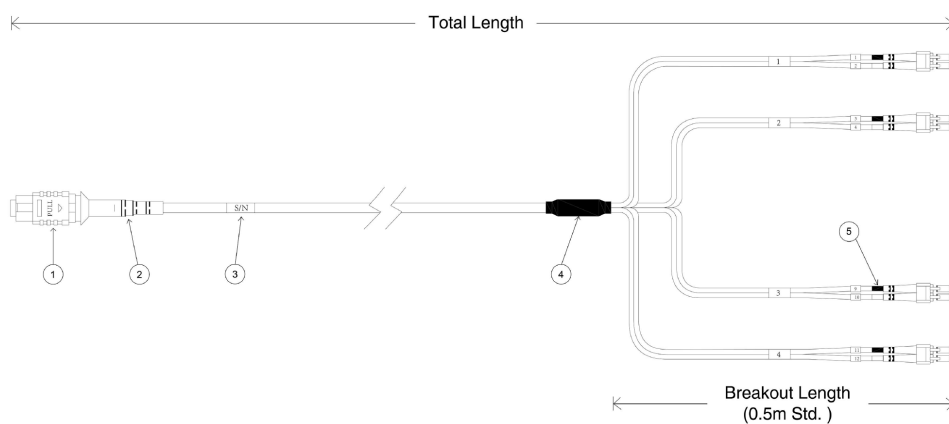
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| Technical information      |                  |
|----------------------------|------------------|
| Wavelength (nm)            | 1310/1550        |
| MPO Attenuation (dB/km)    | ≤ 0,32 at 1310nm |
|                            | ≤ 0,18 at 1550nm |
| MPO Insertion Loss (dB)    | ≤ 0,35           |
| MPO Return Loss (dB)       | UPC : ≥ 50       |
| LC/UPC Insertion Loss (dB) | UPC: ≤ 0,2       |
| LC/UPC Return Loss (dB)    | Upc: ≥ 50        |



1. MTP/MPO Connector

2. Connector Boot

3. Serial Number Label

4. Fan Out Kit

5. LC Connector

