

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



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)

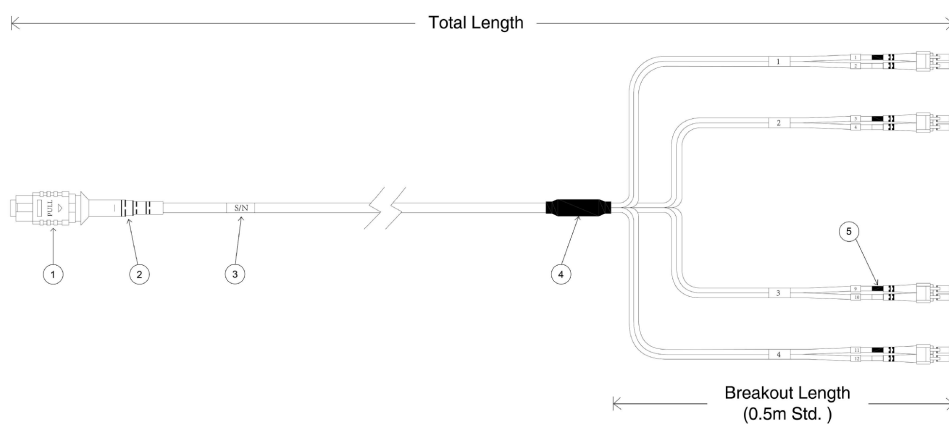
PRODUCT SPECIFICATION

CONNECT

IT

EUROLAN PATCH MPO

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

