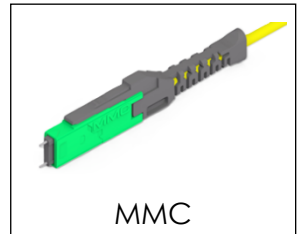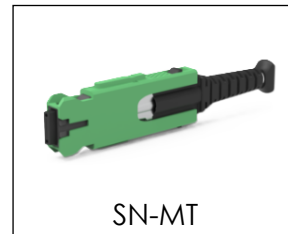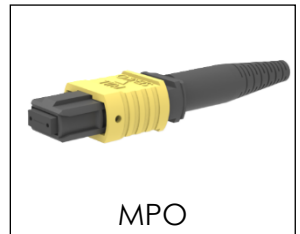# LinkPro™

Multi-core Patch Cord
Part Number: LMPCXX – XXXX – XSXXXXX – (XX)

MPO

SN-MT

MMC

Product Description

Multi-fiber patch cord is a high-density fiber optic cable designed to support the increasing demand for compact, high-bandwidth connectivity in modern networks. VSFF connectors are significantly smaller than traditional fiber connectors, allowing for more fibers to be packed into the same space. These patch cords are commonly used in data centers, telecommunications, and high-density environments where space optimization and scalability are critical.
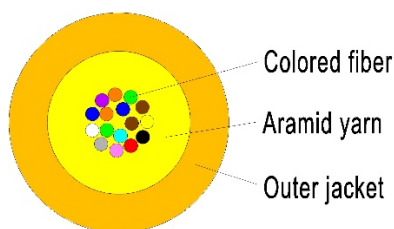
Feature

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- Support 800G/400G/100G high-speed data transmission
- Significantly reduces the physical space required for fiber connections.
- Available for MPO, MMC or SN-MT connector on each side
- Available for Single mode or Multi-mode fiber
- Available in custom length
- All Assemblies are factory tested
- Factory pre-terminated assemblies with protocol for constant and reliable quality

LinkPro™

Specifications

Item		Value	
Connector type	Side A	Available in MPO, MMC or SN-MT	
	Side B	Available in MPO, MMC or SN-MT	
Insertion loss (According to IEC 61300-3-4 method B)		SM	MM
– Standard Ferrule	MPO, MMC, SN-MT	0.50 dB	0.50 dB
– Low loss Ferrule	MPO, MMC, SN-MT	0.35 dB	0.35 dB
– Ultra Low loss	MPO, MMC	0.25 dB	0.25 dB
Return loss (According to IEC 61300-3-6)		≥ 60 dB (APC)	≥ 25 dB
Product Tolerance(mm)		0<L≤ 5: ±100 5<L≤ 20: ±200 L>20:±1%*L	

Cable Characteristics

Colored fiber
Aramid yarn
Outer jacket

Item		Value	
Fiber count		16 or 24	8, 12,16 or 24
Cable diameter(mm)		Max.2.5mm±0.1 for MMC or SN-MT	Max.3.0mm±0.1 for MPO
Strength member		Aramid yarn	
Outer sheath		LSZH or PVC	
Minimum bending radius	Static	10×Cable diameter	
	Dynamic	20×Cable diameter	
Tensile performance According to IEC 60794-1-21E1	Short-term	100N	220N
	Long-term	30N	66N
Crush resistance According to IEC 60794-1-21E3	Short-term	350N/10cm	

Environmental Temperature

Item	Value	
Operation temperature range	-20ºC to +70 ºC	0 ºC to +70 ºC
Storage temperature range	-40ºC to +70ºC	-40 ºC to +70 ºC
Flammability	IEC60332-1, IEC60332-3 or OFNR	OFNP
RoHS 2015/863/EU	compliant	

LinkPro™

Ordering information

LMPCX X – X X X X – X S X XXXX – (X X)

`1` `2`   `3` `4` `5` `6`   `7` `8` `9`   `A`   `B` `C`

---

1 Fiber Count
A: 8F
B: 12F
C: 16F
D: 24F

2 Fiber Type
D: G652D
A: G657A2
2: OM2
3: OM3
4: OM4
5: OM5

3 Connector Type (Side A)
2: MPO/12 Female
4: MPO/16 Female
6: MPO/24 Female
A: MMC/16 Female
C: MMC/24 Female
G: SN-MT/16 Female
J: SN-MT/24 Female

4 Connector Type (Side B)
2: MPO/12 Female
4: MPO/16 Female
6: MPO/24 Female
A: MMC/16 Female
C: MMC/24 Female
G: SN-MT/16 Female
J: SN-MT/24 Female

5 Polish Type
1: APC-APC
2: UPC-UPC
3: APC-UPC

6 Polarity
A: TIA568 Type A
B: TIA568 Type B
C: TIA568 Type C

7 Cable Jacket
B: CPR B2CA
C: CPR Cca
H: LSZH
R: OFNR
P: OFNP

8 Cable structure
S: Single jacket

9 Unit
M: Meter
F: Feet

A Cable Length
0005: 0.5
0050: 5
0100: 10
1000: 100

B Performance
0: Standard Loss
1: Low Loss
2: Ultra Low Loss

C Special code
0: No special request

Notes:
1. Only MPO has 8, 12 core options.
2. When the last two codes (x x) are defined as 00, these codes will be ignored.

Draft	Check	Approve	Date	Rev.	ECN	Name	Date
Rafael	Leo	Laddie	2025.3.14	01			