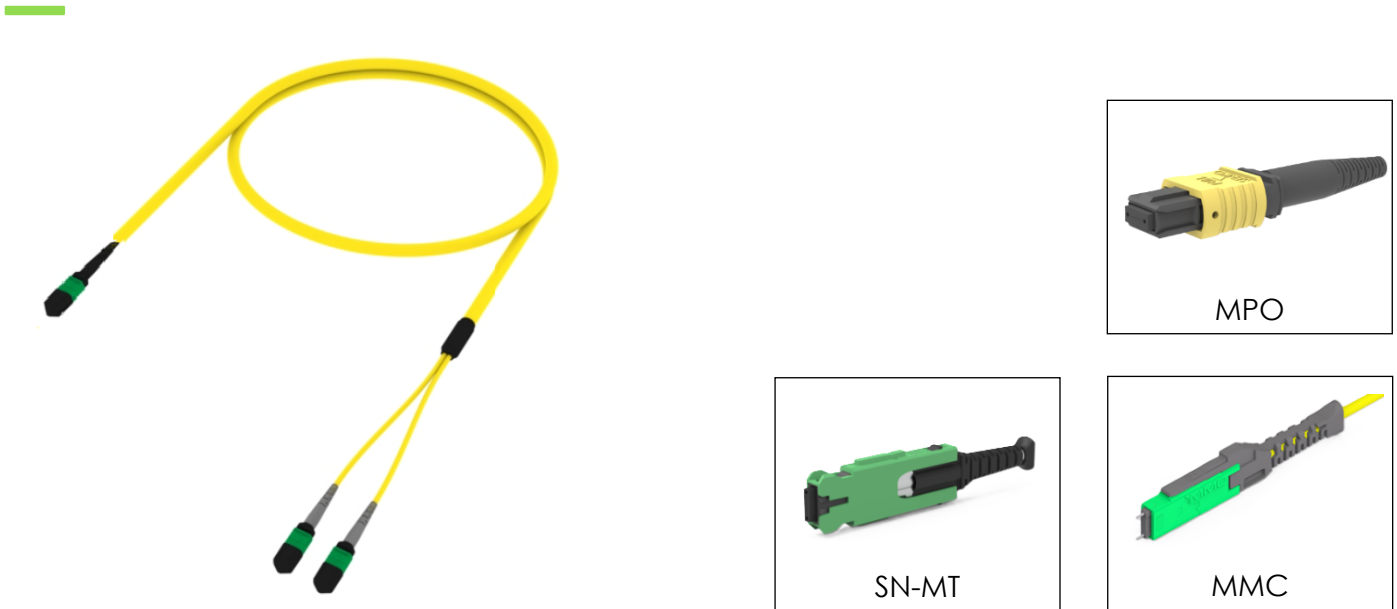


Multi-core Harness Patch Cord (Base-16 to Base-8)

Part Number: LMHPCX – XXXX – XSXXXXX – (XX)



Product Description

The fiber harness patch cord is a specialized fiber optic cable used in high-density data center and networking environments.

This harness patch cord is commonly used in data centers for connecting high-speed networking equipment, such as switches, routers, and servers.

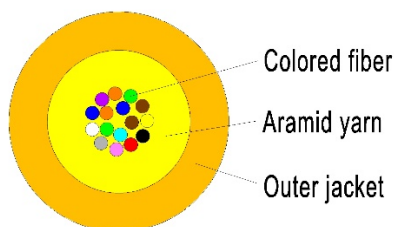
Feature

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- Cable terminated with 1x (base-16) & 2x (base-8) fiber Connectors
- Available for MPO, MMC or SN-MT connector on side A
- Available for Single mode or Multi-mode fiber
- Available in custom length
- All Assemblies are factory tested and come with test certificate
- Factory pre-terminated assemblies with protocol for constant and reliable quality

Specifications

Item		Value	
Connector type	Side A	Available in MPO, MMC or SN-MT	
	Side B	MPO	
Fanout length		500mm	
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 Ferrule	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%	

Cable Characteristics

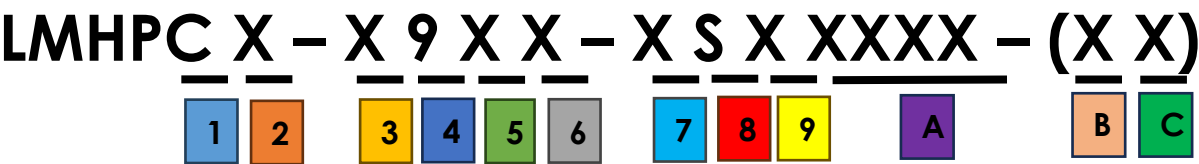


Item		Value	
Fiber count		16	
Cable diameter(mm)		2.4mm for MMC or SN-MT	3.0mm for MPO
Strength member		Aramid yarn	
Outer sheath		LSZH or PVC	
Minimum bending radius	Static	10×Cable diameter	
	Dynamic	20×Cable diameter	
Tensile performance According to IEC 60794-1-21E1	Short-term	100N	220N
	Long-term	30N	66N
Crush resistance According to IEC 60794-1-21E3	Short-term	350N/10cm	

Environmental Temperature

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

Ordering information



1 Fiber Count C: 16F	2 Fiber Type D: G652D A: G657A2 3: OM3 4: OM4	3 Connector Type (Side A) 4: MPO/16 Female A: MMC/16 Female G: SN-MT/16 Female	4 Connector Type (Side B) 9: MPO/12 Female
5 Polish Type 1: APC-APC 2: UPC-UPC 3: APC-UPC	6 Polarity F: Base-16 to base-8	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: 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			