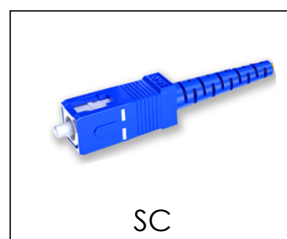# LinkPro™

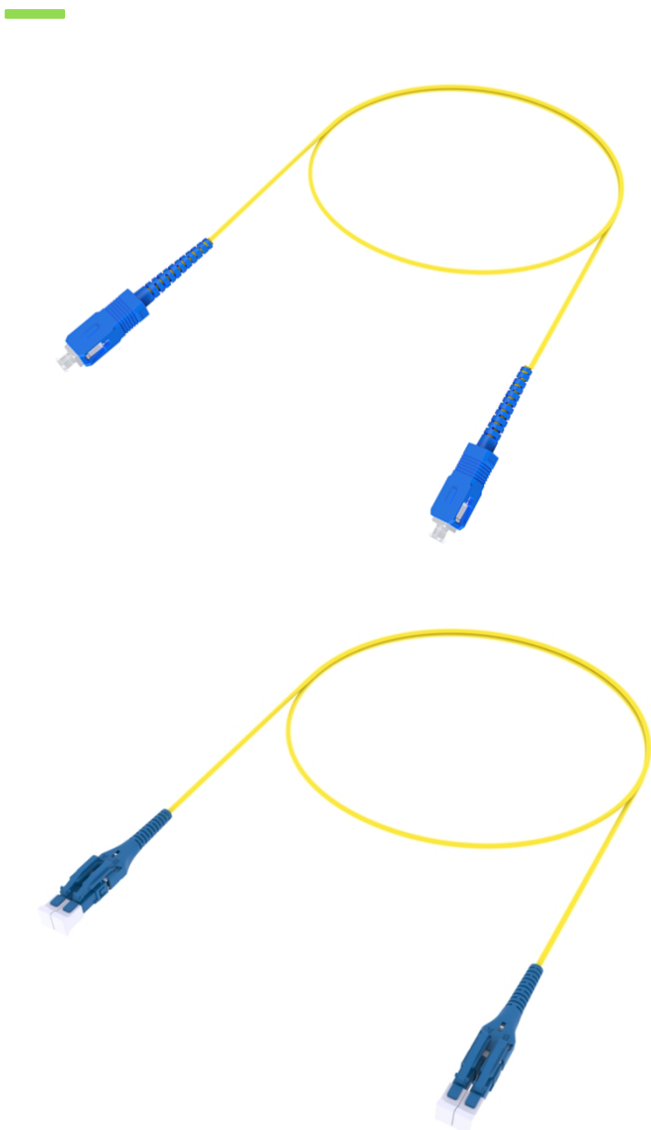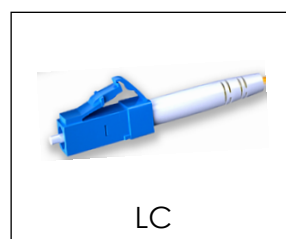# Simplex /Duplex Patch Cord
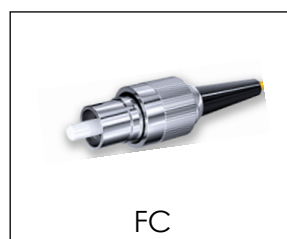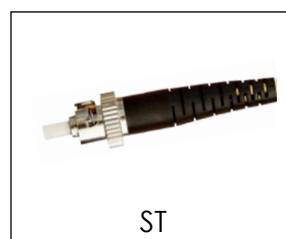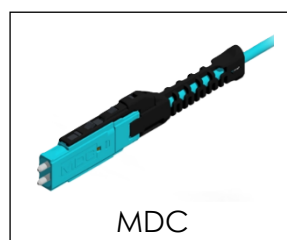**Part Number: LPXXXXBXXXXMXXXX – (XXX)**

SC

LC

FC

ST

MDC
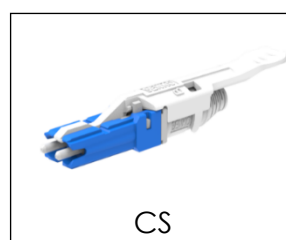
CS
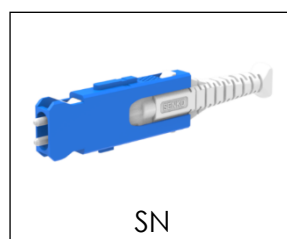
SN

LC Push Pull Boot

Product Description

The characteristics of conventional optical fiber patch cords are that they are relatively lightweight and have a low cost, which can meet the usage requirements of the vast majority of indoor transmission equipment and the cabling needs of data centers.

VSFF Duplex patch cord uses Very Small Form Factor (VSFF) connectors. These connectors are designed to support even higher port density than traditional small form factor connectors. VSFF connector duplex patch cords are a key enabler of next-generation network infrastructure, offering the density and performance needed to meet the demands of modern high-speed, high-capacity networks.

LinkPro™

Feature

- Conform to IEC, EIA-TIA, and Telcordia performance requirements
- Optional connectors such as LC,SC,MDC, SN, CS or LC Push Pull Boot on both sides are available
- 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 LC, SC ,MDC, SN, CS or LC push Pull Boot or other	
	Side B	Available in LC, SC ,MDC, SN, CS or LC push Pull Boot or other	
Insertion loss (According to IEC 61300-3-4 method B)		SM	MM
– Standard		0.25 dB	0.25 dB
– Low loss		0.15 dB	0.15 dB
– Ultra Low loss		0.10 dB	0.10 dB
Return loss (According to IEC 61300-3-6)		≥ 60 dB (APC) ≥ 50 dB (UPC)	≥ 25 dB
Product Tolerance(mm)		0<L≤ 5 m: ±100 5<L≤ 20 m: ±200 L>20 m:±1%*L	

Cable Characteristics
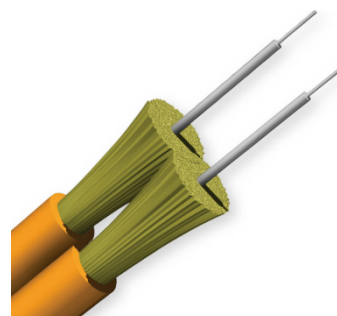
Item		Value
Fiber count		1 or 2
Cable diameter(mm)		2.0mm or other
Strength member		Aramid yarn
Outer sheath		LSZH ,PVC
Minimum bending radius	Static	10×Cable diameter
	Dynamic	20×Cable diameter
Tensile performance According to IEC 60794-1-21E1	Short-term	110N
	Long-term	33N
Crush resistance According to IEC 60794-1-21E3	Short-term	350N/10cm

LinkPro™

Environmental Temperature

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

Ordering information

LP**X X X X X X X X X X** XXXX – (XXX)
    1 2 3 4 5 6 7 8 9 A   B   C

1 — Sub-Category
1: Simplex
2: Duplex

2 — Cable structure
1: Colored Fiber
2: Buffered fiber
3: Round Cable
4: Double Jacket
5: Zip-cord
6: Flat(Zip-cord)

3 — Fiber type
1: OM1
2: OM2
3: OM3
4: OM4
5: OM5
6: G652D
7: G657A1
8: G657A2
9: G657B3

4 — Cable diameter
1:0.25mm 2:2.0mm
3:3.0mm 4:2.4mm
5:1.2mm 6:1.6mm
7:0.6mm 8:1.8mm
9:0.9mm 0:0.2mm

5 — Cable Jacket
B: CPR B2ca
C: CPR Cca
D: CPR Dca
E: CPR Eca
F: LSZH OFNR
H: LSZH-1 L: LSZH-3
N:Nylon P: OFNP
R: OFNR T:TPU
V: PVC Y:Hytrel

6 — Connector type (side A)
1:LC 2:FC 3:SC
4:ST 5:LCD 6:SCD
7:LCR 8:CS 9:SN
A:MDC B:MU C:LSH
D:E2000
E:Mini-LC
F:LC Uni-boot
G:LC Push pull boot
H:MTRJ(male)
K:MTRJ(female)

7 — Connector type (side B)
1:LC 2:FC 3:SC
4:ST 5:LCD 6:SCD
7:LCR 8:CS 9:SN
A:MDC B:MU C:LSH
D:E2000
E:Mini-LC
F:LC Uni-boot
G:LC Push pull boot
H:MTRJ(male)
K:MTRJ(female)

8 — Polish type
1: APC-APC
2: UPC-UPC
3: APC-UPC
4: UPC-APC

9 — Polarity
0:Null
1: Straight
2: Cross

A — Unit
M: Meter
F: Feet

B — Cable length
0005=0.5m
0010=1m
0100=10m
1000=100m
…

D — Extended code (Feature code)
Note: The last (-XXX) is an extension code, which is a derivative of the standard product. It can be derived into customer codes or special requirements (End face standards, Performance standards). If for a specific customer, there are other special requirements for the same type of product, the next level of derivative requirements can be made.

Note: The last (-XXX) is an extension code, which is a derivative of the standard product. It can be derived into customer codes or special requirements (end face standards, performance standards). If for a specific customer, there are other special requirements for the same type of product, the next level of derivative requirements can be made

Draft	Check	Approve	Date		Rev.	ECN	Name	Date
Emily	Rafael	Laddie	2025.7.03		01	NA	NA	NA