

technical information

Panduit's Duplex LC Uniboot Push-Pull connector gives you the option to change polarity with ease, it also has no loose pieces that could be dropped or lost when changing polarity. The LC Uniboot Push-Pull Duplex fiber optic patch cords are constructed with a 2.0mm 2-fiber round unitary cable available in plenum (OFNP) or low smoke zero halogen (LSZH) rated jacket materials to meet local ordinances. By using the 2.0mm cable which reduces cable volume by 50% the LC Uniboot Push-Pull fiber optic patch cords are ideal for reducing cabling congestion in extremely high density patch fields. These LC Uniboot patch cords are available in OM4, and OS2 fiber types with high performance insertion loss essential for today's high speed systems requiring very low connector insertion loss.



application

Provide interconnect and cross-connect of applications in entrance facilities, telecommunication rooms, data centers, at the desk and network applications to interconnect pre-terminated cassettes in main distribution, horizontal distribution, and equipment distribution areas.

construction

Fiber count:	2 – Fiber Round
Cable jacket ratings:	Plenum (OFNP) Low Smoke Zero Halogen (LSZH)
Fiber types:	Singlemode: OS2 9/125µm Multimode: OM4 50/125µm
Connector types, End 'A':	Duplex LC Uniboot
Connector types, End 'B':	Duplex LC Uniboot
Jacket color:	OS1/OS2: Yellow OM4: Aqua

optical properties

Connector insertion loss:	MM:	0.15dB max (Optimized IL)
	SM:	0.25dB max (Optimized IL)
Connector return loss:		26dB min (MM)
		55dB min (SM)

physical properties

Cable outside diameter (OD):	2.0mm
Bend Radius, (min):	40mm
Connector cable retention:	50N (11.24 lbs.) @ 0° 19.4N (4.4 lbs.) @ 90°
Connector durability:	500 cycles
Bend Radius (min), (Long Term):	20mm (40mm)

environmental properties

Storage and shipping temperature:	-40°C to 70°C
Operating and installation temperature:	-10°C to 60°C

standards

Meets or exceeds:	ISO/IEC 11801, TIA/EIA-568-C.3, TIA-604-10 (FOCIS-10), IEC 60793-2-10
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Restriction of Hazardous Substances (RoHS) Compliance:	All patch cord components meet the requirement of Directive 2011/65/EU
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Opti-Core® LC Uniboot Pull-Pull Duplex Fiber Optic Patch Cords

part number configurator

Example: FZ2TLUCUCONM005 = Fiber, OM4, 2-fiber, 2mm Round, LSZH, LC Uniboot to LC Uniboot, Optimized IL, 5 Meters

Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example	F	Z	2	T	L	U	C	U	C	O	N	M	0	0	5

1 – Fiber Product

F = Fiber

2 – Fiber Type

Z = OM4 50/125µm

9 = OS2 9/125µm

3 – Fiber Count

2 = 2-fiber

4 – Cable Type

T = Round 2.0mm

5 – Jacket Type

L = LSZH IEC 60332
(Low Smoke Zero Halogen)

P = OFNP (Plenum)

6 – Connector Type

U = LC Duplex Uniboot

7 – Connector Variant

C = No variant

8 – Connector Type

U = LC Duplex Uniboot

9 – Connector Variant

C = No variant

10 – Performance/Construction

O = Optimized IL - Straight thru
(A-B)

11 – Connector Variant

N = No variant

12 – Unit of Length

M = Meters

13, 14, 15 – Length

001 – 050

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