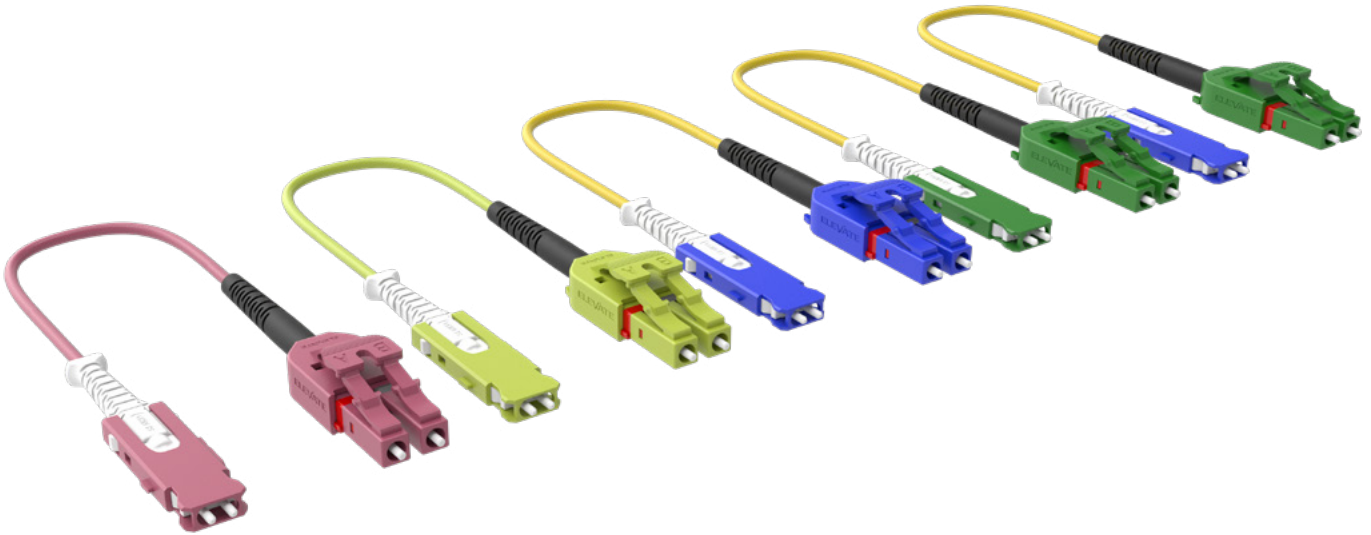


Elevate Very Small Form Factor (VSFF) SN to LC Patch Cords



Product Overview

The Elevate SN–LC cable assembly range forms an integral part of the wider Elevate MPO cassette and patching solution. As standard, each assembly is manufactured using Senko low-loss SN connectors and 2 mm round duplex LS0H cable.

By providing a ferrule-based alternative to traditional MPO connectivity, the SN assembly range increases flexibility and reach while reducing installation complexity. This streamlined approach enables a lower total cost of ownership compared to conventional solutions, without compromising performance or reliability.

✓ Low Loss Connectors

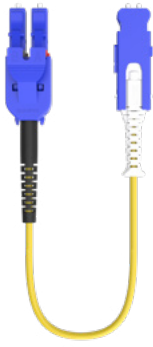
✓ 100% Optically Tested

✓ 2mm Duplex Round Cable

✓ Available in OS2/OM4/OM5

✓ 25 year system warranty

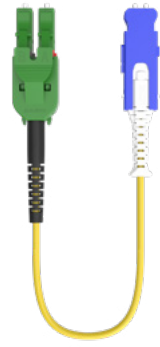
Available Options:



OS2: UPC to LC UPC



OS2: APC to LC APC



OS2: UPC to LC APC



OM4: UPC to LC UPC



OM5: UPC to LC UPC

Product Specifications

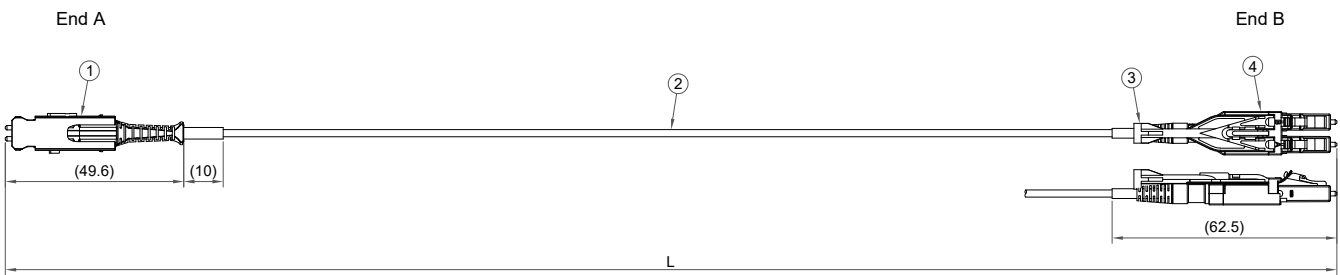
Feature	Values		
	Singlemode	Multimode	
Category	OS2	OM4	OM5
Number of Cores	2		
Outer diameter sheath single fibre	2 mm		
Cable type	Round		
Length	1 m / 2 m / 3 m / 5 m		
Type of connector connection 1	SN of Choice		
Type of connector connection 2	LC of Choice		
Outer sheath colour	Yellow (OS2) / Violet (OM4) / Lime Green (OM5)		
Strain relief boot	Push-On		
Flame retardant according to IEC 60332-1-2	Yes		
Low smoke (acc. IEC 61034-2)	Yes		
	Singlemode	APC	Multimode
Insertion loss (dB)	0.05	0.07	0.05
Maximum insertion Loss (dB)	0.15	0.15	0.15
Typical Return Loss Db	≥ 55	≥ 65	≥ 25
Ferrule Diameter(um)	125.5	125.5	127
Outer Jacket Thickness	≥ 0.45mm		
Aramid Yarn	3 x 1000D		
Glass Type	2 x 250um Corning SMF-28	2 x 250um Corning SMF-28	2 x 250um Corning ClearCurve OM4
Boot Colour	White		

Applicable Standards

Standard	Detail
BS EN 60332-1-2:2004+A11:2016	Tests on electric and optical fibre cables under fire conditions - Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame
IEC 60793-1-1:2022	Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance
IEC 60793-2:2015	Optical fibres - Part 2: Product specifications - General
IEC 60793-2-10:2017	Sectional specification for A1 multimode fibres
IEC 60793-1-20:2014	Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry
IEC 60793-1-21:2001	Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry
IEC 60793-1-22:2001	Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement
IEC 60793-1-30:2010	Optical fibres - Part 1-30: Measurement methods and test procedures - Fibre proof test
IEC 60793-1-31:2010	Optical fibres - Part 1-31: Measurement methods and test procedures - Tensile Strength
ITU-T G.652:2016	Characteristics of a single-mode optical fibre and cable
ITU-T G.657:2016	Characteristics of a bending-loss insensitive single-mode optical fibre and cable
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
EN 50173-2:2007 + A1:2010	Information technology. Generic cabling systems - Office premises
IEC 61754-1:2013	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance
IEC 61754-2:1996	Fibre optic connector interfaces - Part 2: Type BFOC/2,5 connector family
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states.
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Product Drawing

Polarity: A-to-A, B-to-B		
Fibre Path Way		
Cable	End P1	End P2
Fibre Number	Ferrule Position	Ferrule Position
1	Wide Key (B)	Wide Key (B)
2	Narrow Key (A)	Narrow Key (A)



Length (L)	Length Tolerance
$L < 1\text{m}$	$+50\text{mm} / -0$
$1\text{m} \leq L \leq 10\text{m}$	$+100\text{mm} / -0$
$L > 10\text{m}$	$+1\% * L / 0$

Part Number Table



Part Number	Description
OS2: UPC to LC UPC	
222-401	Elevate SNUPC-LCUPC 2.0mm G657A1 Round Duplex Patch Cord 1m Yellow
222-402	Elevate SNUPC-LCUPC 2.0mm G657A1 Round Duplex Patch Cord 2m Yellow
222-403	Elevate SNUPC-LCUPC 2.0mm G657A1 Round Duplex Patch Cord 3m Yellow
222-405	Elevate SNUPC-LCUPC 2.0mm G657A1 Round Duplex Patch Cord 5m Yellow
OS2: APC to LC APC	
222-501	Elevate SNAPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 1m Yellow
222-502	Elevate SNAPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 2m Yellow
222-503	Elevate SNAPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 3m Yellow
222-505	Elevate SNAPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 5m Yellow
OS2: UPC to LC APC	
222-601	Elevate SNUPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 1m Yellow
222-602	Elevate SNUPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 2m Yellow
222-603	Elevate SNUPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 3m Yellow
222-605	Elevate SNUPC-LCAPC 2.0mm G657A1 Round Duplex Patch Cord 5m Yellow
OM4: UPC to LC UPC	
222-201	Elevate SNUPC-LCUPC 2.0mm OM4 Round Duplex Patch Cord 1m Violet
222-202	Elevate SNUPC-LCUPC 2.0mm OM4 Round Duplex Patch Cord 2m Violet
222-203	Elevate SNUPC-LCUPC 2.0mm OM4 Round Duplex Patch Cord 3m Violet
222-205	Elevate SNUPC-LCUPC 2.0mm OM4 Round Duplex Patch Cord 5m Violet
OM5: UPC to LC UPC	
222-301	Elevate SNUPC-LCUPC 2.0mm OM5 Round Duplex Patch Cord 1m Lime Green
222-302	Elevate SNUPC-LCUPC 2.0mm OM5 Round Duplex Patch Cord 2m Lime Green
222-303	Elevate SNUPC-LCUPC 2.0mm OM5 Round Duplex Patch Cord 3m Lime Green
222-305	Elevate SNUPC-LCUPC 2.0mm OM5 Round Duplex Patch Cord 5m Lime Green