

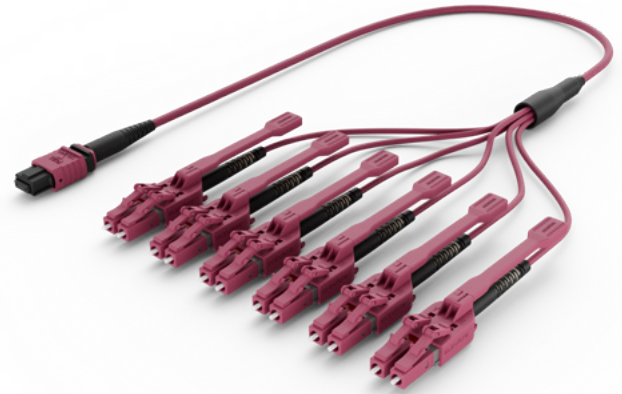
Elevate MPO to LC Fanout Assemblies

OS2 / OM4 / OM5

Product Overview

The Elevate range of MPO to LC fan out cable assemblies from part of the wider MPO cassette and patching solution. As standard each fan out cable is assembled from Senko low loss MPO plus connectors, B2ca Euroclass multifibre cable, and LC uniboot connectors with extended pull latch release tabs designed specifically for high density patching fields, options include LC uniboot without extended pull latch. LC connector polarity can be switched in the field.

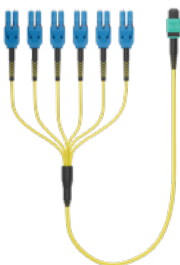
Cables detailed within this data sheet are OM4 / OM5 multimode, and OS2 singlemode.



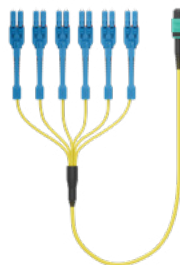
- ✓ Senko low loss MPO Plus
- ✓ B2ca euroclass cable as standard
- ✓ Part of the Elevate HD panel system

- ✓ OS2 G657.A2 and OM4 / OM5 options
- ✓ Sustainable packaging solutions, including returnable reels
- ✓ Access test data at anytime via on line test trace

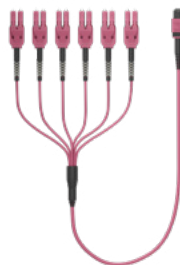
Available Options



Singlemode OS2



Multimode OM4



Multimode OM5



Product Specifications

Feature	Values	
Number of fibres	8 to 24	
Fibre type	OS2 G657.A2 / OM4 / OM5	
	Singlemode	Multimode
Connector A	MPO	
	APC	PC
Connector A colour	Green	Violet (OM4) Lime Green (OM5)
Connector A quantity	1	
Keyway direction	UP	
Cable jacket colour	Yellow	Violet (OM4) Lime Green (OM5)
Cable diameter	3.5mm	
Fibres per subunit	8 to 24	
Number of subunits	1	
Configured to polarity	B	
Gender of MPO	Male / Female	
Typical Insertion loss	0.15dB	0.15dB
Maximum Insertion loss	0.25dB	0.25dB
Typical return loss	>55dB	>25dB
Connector B	LC Uniboot without pull tab LC Uniboot duplex with pull tab	
	UPC	PC
Connector B colour	Blue	Violet (OM4) Lime Green (OM5)
Keyway direction	UP	
Connector B quantity	4 to 12	
Typical Insertion loss	<0.3dB	0.3dB
Maximum Insertion loss	>0.55dB	0.25dB
Durability	500 matings per TIA-568.3	
	Singlemode	Multimode
Operating temperature	-40 to +75	

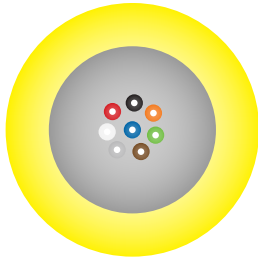
Product Features Explained



All Elevate MPO solutions are built on Senko low loss, best in class connectivity.



Each cable is factory tested and test results available to download immediately via a unique track and trace QR code.



Cable cross section

Produced using 8F to 24F subunits offering smaller diameter cables.

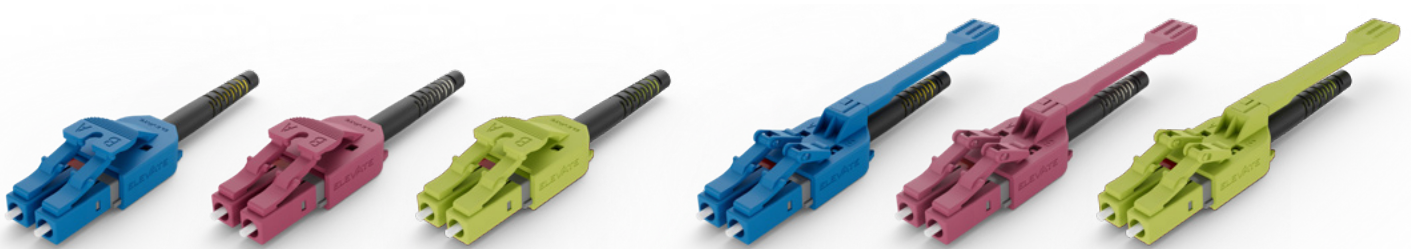


Fibre configuration

Assembled using Senko low loss 12F, 16F, 24F MPO male or female options, utilising the outer four fibres on each 12F MPO to achieve Base8 connectivity.

Reversible Polarity LC

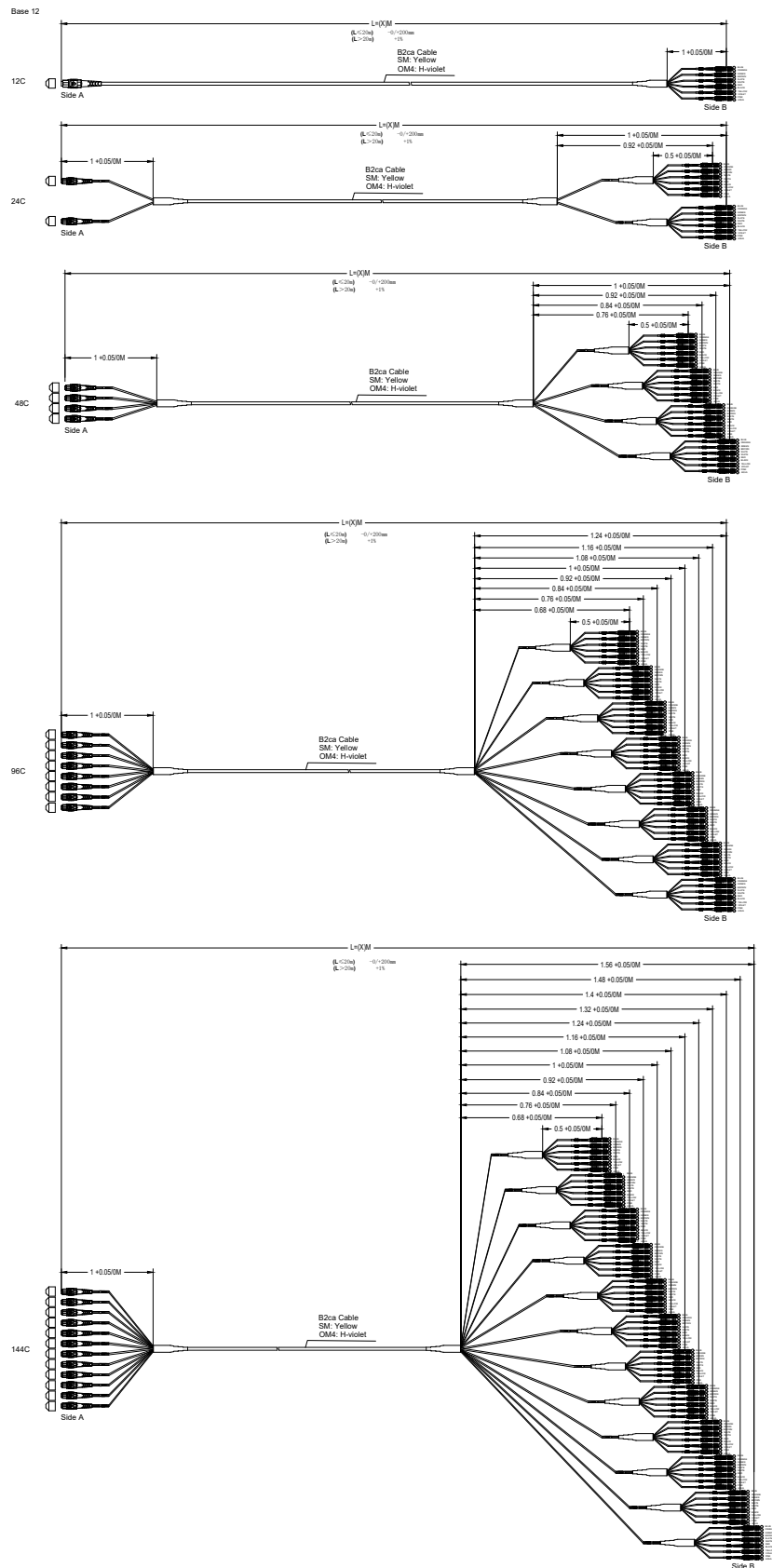
Available with UNI-BOOT connection or UNI-BOOT with Pull Tab



UNI-BOOT

UNI-BOOT with Pull Tab

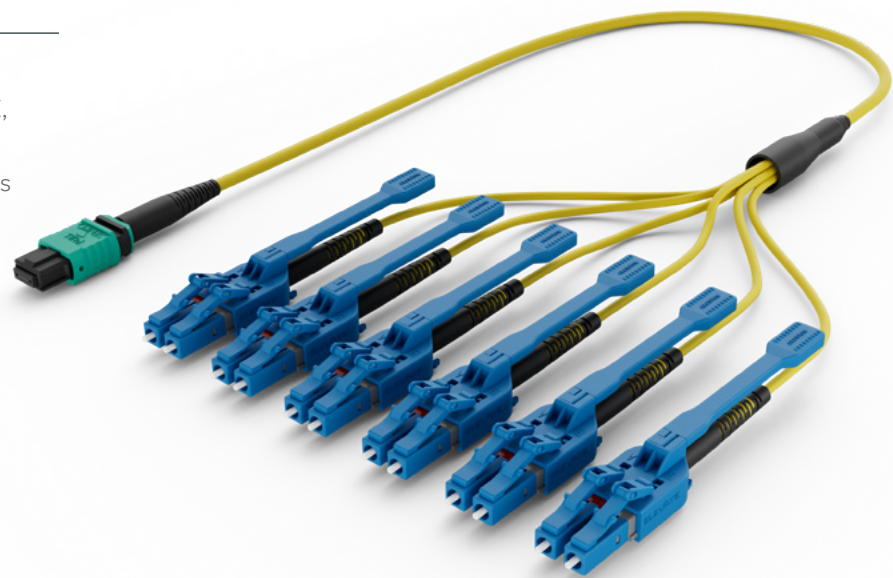
Product Drawing



Product Standards

Applicable standard

Compliance with International Standards ISO 11801, EN 50173 and ANSI/TIA 568-E, necessitates that this product/component adheres to all relevant normative references specified within these standards.



Product Packaging

Material Type	Detail
Card Board Packaging	FSC certified plain brown cardboard cartons
Compostable bags	Certified Compostable bags
Cable reels	Recycled plastic returnable cable reel
	3.5mm diameter < 100mtrs - Certified compostable bags
	3.5mm diameter > 100mtrs - Recycled plastic returnable cable reels

Part Number Table

Base Type				Fibre Type		Fibre Count		Connector A		Connector B		Method		Length (m)	
208	-	08	-	OM4	-	8	-	MPOM	-	MPOM	-	A	-	XXX	
		12		OM5		12		MPOF		MPOF		B			
		16		OS2		24						C			
		24				32									
						36									
						72									
						96									
						144									