

Elevate High Density Fibre Optic Cassettes

Splice Cassettes



Product Overview

The Elevate splice cassette is part of a modular high-density fibre platform, designed to accommodate fusion splicing within structured cabling and data centre environments. The cassette provides secure housing, fibre routing, and splice protection, ensuring organised cable management and compliance with bend radius requirements. When deployed within a compatible high density chassis, the solution enables scalable fibre termination and efficient use of rack space.

- ✓ High density 12, 16 & 24 fibre LC UPC + Pigtails Cassette
- ✓ Senko low loss MPO plus male
- ✓ 12, 16 and 24 fibre splice capacity options available
- ✓ Access test data via online Test Trace
- ✓ Compatible with Elevate High Density Chassis
- ✓ OS2, OM4 & OM5 options



Please note that this datasheet focuses on the range of Elevate Fibre Optic Splice Cassettes. Datasheets for other options can be found on the Elevate website:

Product Specifications

Feature	Values
Number of fibres	12, 16 or 24
Fibre type	OS2 / OM4 / OM5
Cassette colour	White (RAL9003) Black (RAL 9004)
MPO Typical Insertion loss	0.15dB
MPO Maximum Insertion loss	0.25dB
MPO Return loss	>60dB (OS2) >25dB (OM4 / OM5)
LC Insertion loss	<0.25dB
LC Return loss	>55dB
Front connectivity	LC (Key up)
Front connectivity colour	Blue (OS2) Violet (OM4) Lime Green (OM5)
Laser dispersal shutter	Yes
Operating temperature	-20 to +70
Storage temperature	-20 to +85

Product Features Explained



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



Each cassette is factory tested and test data is accessed via the QR code attached to the cassette and our test trace portal.

The Elevate Cassettes are compatible with the Elevate High Density Chassis. Chassis Part Number Range - 208-4XX

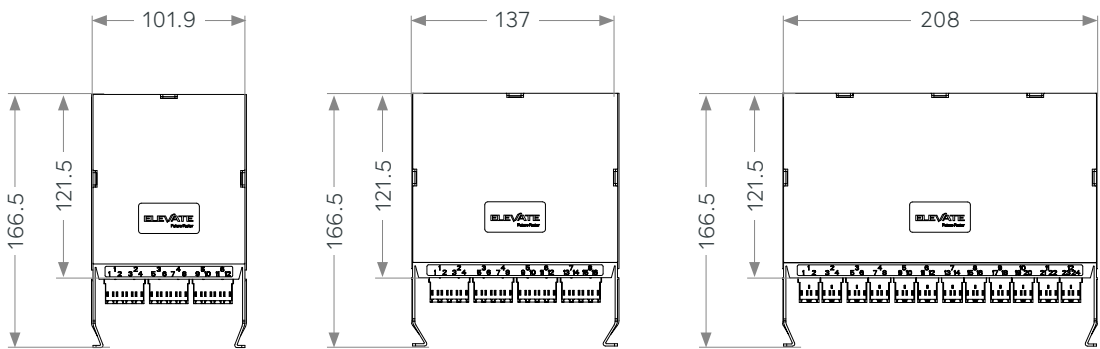


Also available in white.

A full range of chassis are available:



Product Drawing

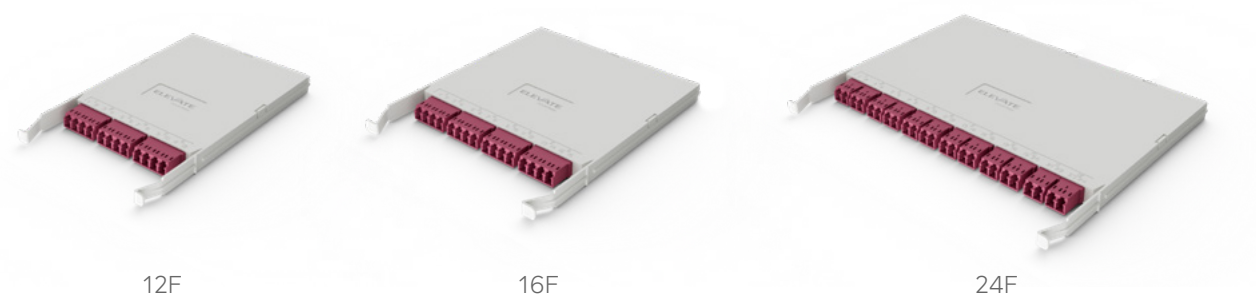


Applicable standards

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.

Standard	Detail
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.

Elevate High Density Fibre Optic Splice Cassettes are available in the following options:

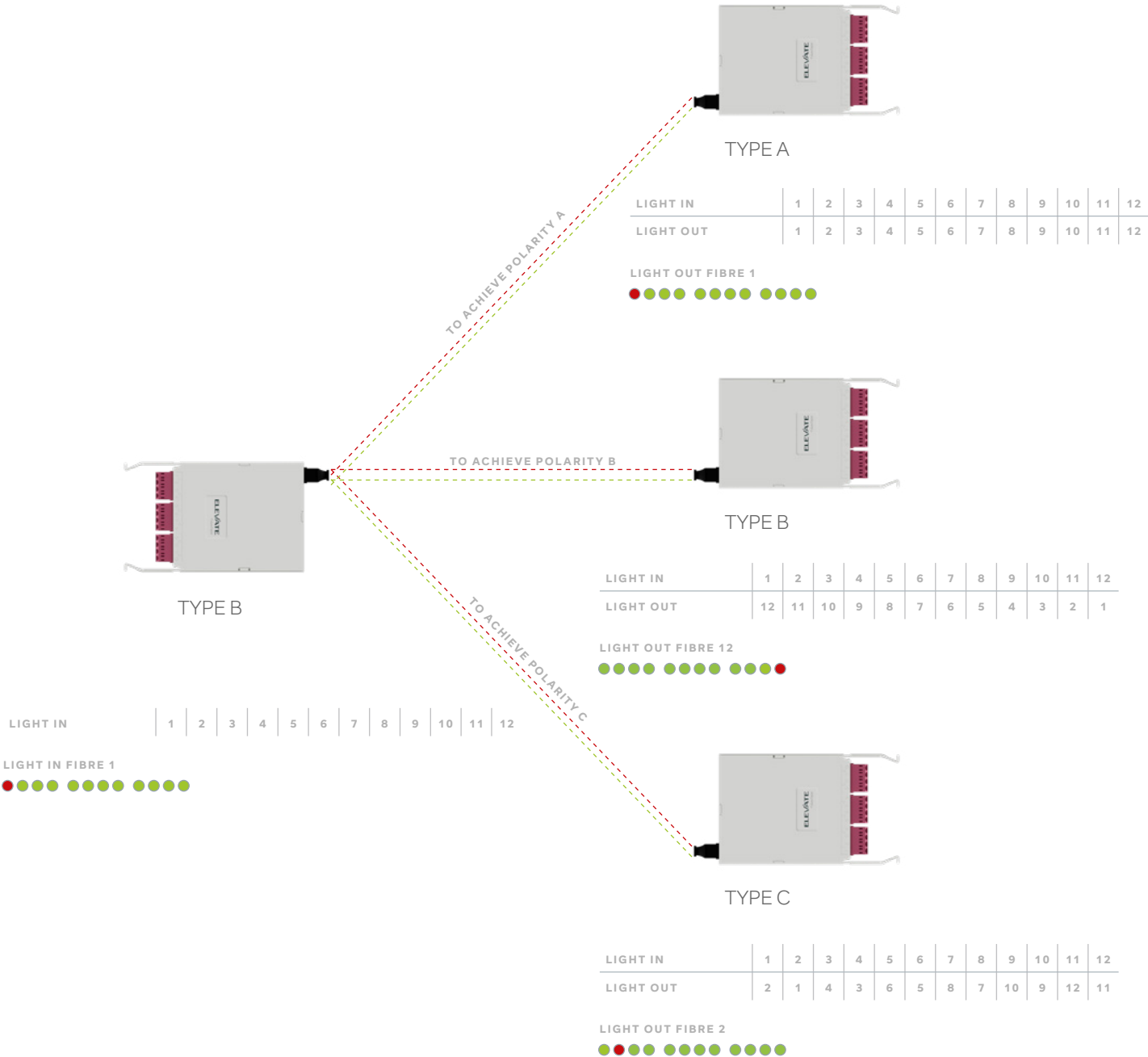


To Achieve Correct Polarity

Trunk cable

To achieve the correct polarity use standard Method B female trunks

Polarity A	Polarity B	Polarity C
Cassette 1 use cassette Type B	Cassette 1 use cassette Type B	Cassette 1 use cassette Type B
Cassette 2 use cassette Type A	Cassette 2 use cassette Type B	Cassette 2 use cassette Type C



Polarity illustration shown is representative. The same Method B trunk polarity applies across all Elevate HD Fibre Cassette variants, including Base 8, 12, 16 and 24 in both singlemode and multimode configurations.



Also available in black.

Part Number Table: Splice Cassettes

Part Number	Description
12F	
208-270	Elevate HD 12F Splice OM4 LC UPC + Pigtails Cassette White
208-270-BK	Elevate HD 12F Splice OM4 LC UPC + Pigtails Cassette Black
208-271	Elevate HD 12F Splice OS2 LC UPC + Pigtails Cassette White
208-271-BK	Elevate HD 12F Splice OS2 LC UPC + Pigtails Cassette Black
208-272	Elevate HD 12F Splice OS2 LC APC + Pigtails Cassette White
208-272-BK	Elevate HD 12F Splice OS2 LC APC + Pigtails Cassette Black
208-570-WH	Elevate HD 12F Splice OM5 LC UPC + Pigtails Cassette White
208-570-BK	Elevate HD 12F Splice OM5 LC UPC + Pigtails Cassette Black
16F	
208-274	Elevate HD 16F Splice OM4 LC UPC + Pigtails Cassette White
208-274-BK	Elevate HD 16F Splice OM4 LC UPC + Pigtails Cassette Black
208-275	Elevate HD 16F Splice OS2 LC UPC + Pigtails Cassette White
208-275-BK	Elevate HD 16F Splice OS2 LC UPC + Pigtails Cassette Black
208-276	Elevate HD 16F Splice OS2 LC APC + Pigtails Cassette White
208-276-BK	Elevate HD 16F Splice OS2 LC APC + Pigtails Cassette Black
208-573-WH	Elevate HD 16F Splice OM5 LC UPC + Pigtails Cassette White
208-573-BK	Elevate HD 16F Splice OM5 LC UPC + Pigtails Cassette Black
24F	
208-278	Elevate HD 24F Splice OM4 LC UPC + Pigtails Cassette White
208-278-BK	Elevate HD 24F Splice OM4 LC UPC + Pigtails Cassette Black
208-279	Elevate HD 24F Splice OS2 LC UPC + Pigtails Cassette White
208-279-BK	Elevate HD 24F Splice OS2 LC UPC + Pigtails Cassette Black
208-280	Elevate HD 24F Splice OS2 LC APC + Pigtails Cassette White
208-280-BK	Elevate HD 24F Splice OS2 LC APC + Pigtails Cassette Black
209-018	Elevate MD 24F Splice OS2 LC APC + Pigtails Cassette White
209-018-BK	Elevate MD 24F Splice OS2 LC APC + Pigtails Cassette Black
208-577-WH	Elevate HD 24F Splice OM5 LC UPC + Pigtails Cassette White
208-577-BK	Elevate HD 24F Splice OM5 LC UPC + Pigtails Cassette Black