

Elevate High Density Fibre Optic Cassettes

Base8,12,16 and 24



Product Overview

The Elevate range of cassettes form part of a modular solution enabling high density fibre connectivity in rack mount environments. Senko low loss MPO plus connectors are used to connect the fan out assembly from the rear of the housing to the LC shuttered adaptors in the front patching field. When combined with compatible high density patch panel chassis upto 144f on LC presentation can be accommodated in 1U of rack space.

MPO passthrough cassettes are also available for the Base12 and Base24 variations of the High Density Panels.

- ✓ High density 8,12,16 & 24 fibre LC to MPO cassette
- ✓ Senko low loss MPO plus male
- ✓ 8,12,16 & 24 fibre MPO at rear
- ✓ Access test data via online Test Trace
- ✓ Compatible with Elevate High Density Chassis
- ✓ OS2 and OM4 options

Available Options



Singlemode



Multimode

Product Specifications

Feature	Values	
	Singlemode	Multimode
Number of fibres	8,12,16,24	
Fibre type	OS2 / OM4	
Rear connectivity		
Base8 8F	1 x MPO 8F male (keyup)	
Base8 16F	2 x MPO 8F male (keyup)	
Base8 24F	3 x MPO 8F male (keyup)	
Base12 12F	1 x MPO 12F male (keyup)	
Base12 24F	2 x MPO 12F male (keyup)	
Base16	1 x MPO 16F male (keyup)	
Base24	1 x MPO 24F male (keyup)	
Rear connectivity colour	Black	Grey
Cassette colour	White (RAL9003) Black (RAL 9004)	
	Singlemode	Multimode
MPO Typical Insertion loss	0.15dB	0.15dB
MPO Maximum Insertion loss	0.25dB	0.25dB
MPO Return loss	>60dB	>25dB
LC Insertion loss	<0.25dB	<0.25dB
LC Return loss	>55dB	>55dB
Front connectivity	LC (Key up)	
Front connectivity colour	Blue or Green (APC)	Violet
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.



Also available in white.

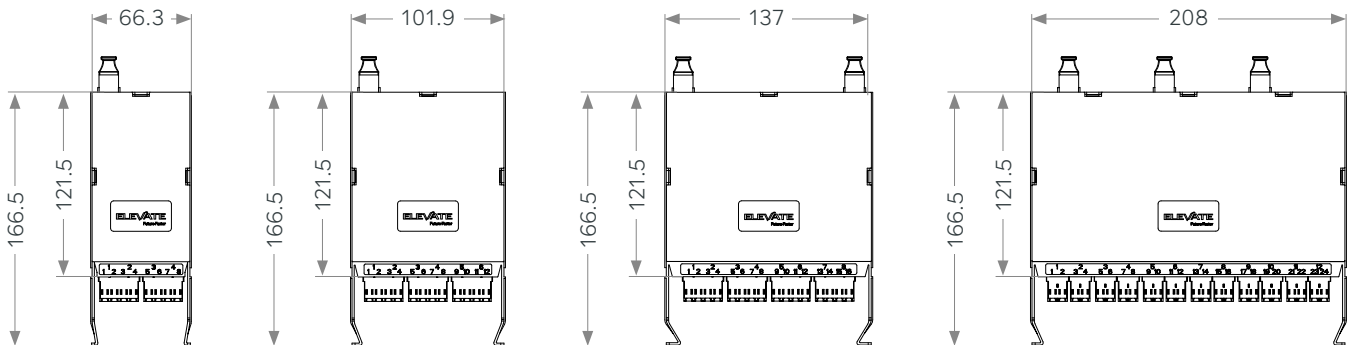
Product Standards

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.

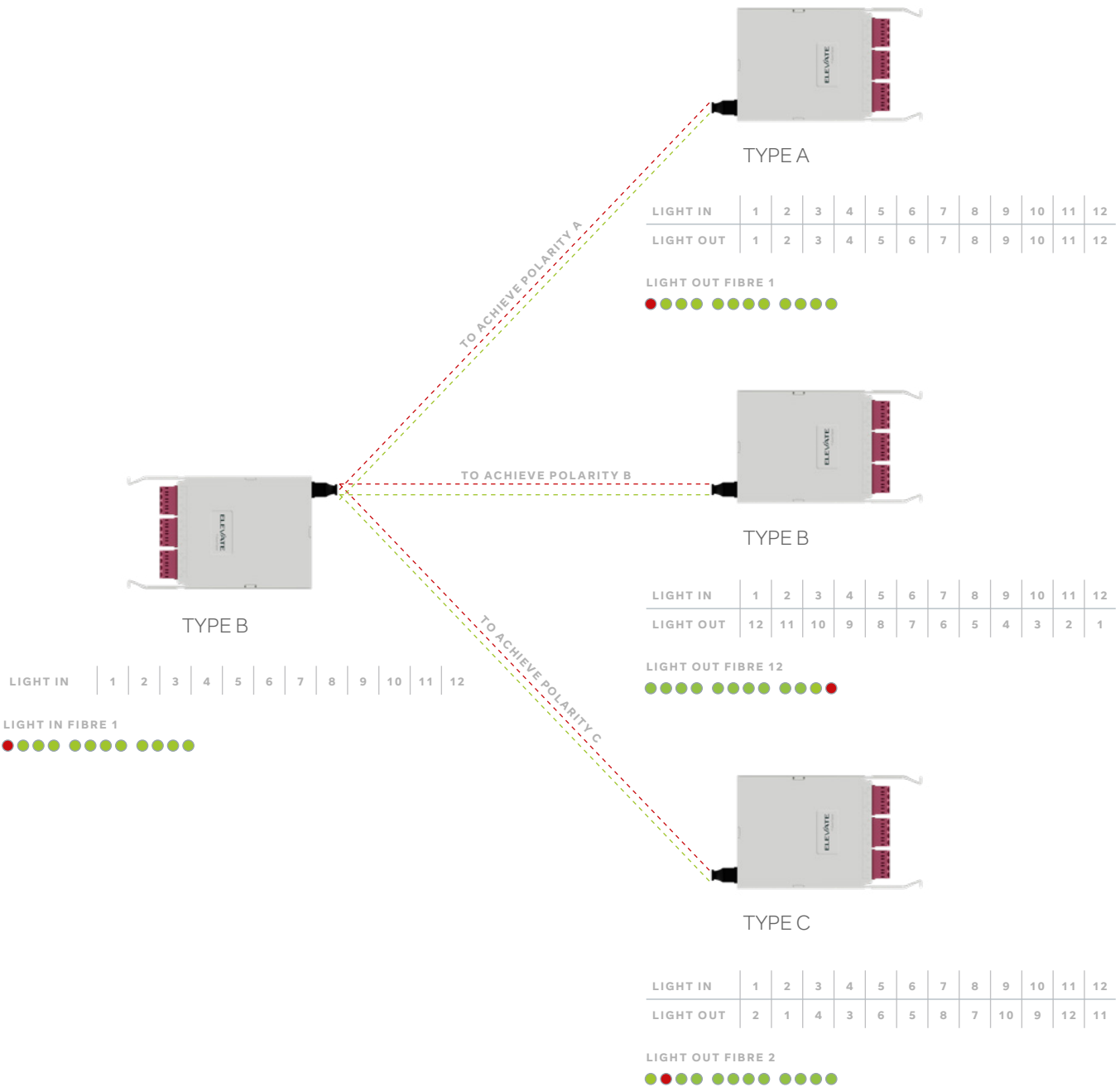


Product Drawing



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



Part Number Table – Base8



Also available in black.

Part Number	Description	
		8F
208-290-TYPE-A	Elevate HD Base8 - 8F OM4 LC-MPO Female Cassette White Type A	
208-290-TYPE-B	Elevate HD Base8 - 8F OM4 LC-MPO Female Cassette White Type B	
208-290-TYPE-C	Elevate HD Base8 - 8F OM4 LC-MPO Female Cassette White Type C	
208-291-TYPE-A	Elevate HD Base8 - 8F OS2 LC-MPO Female Cassette White Type A	
208-291-TYPE-B	Elevate HD Base8 - 8F OS2 LC-MPO Female Cassette White Type B	
208-291-TYPE-C	Elevate HD Base8 - 8F OS2 LC-MPO Female Cassette White Type C	
208-290-TYPE-A-BK	Elevate HD Base8 - 8F OM4 LC-MPO Female Cassette Black Type A	
208-290-TYPE-B-BK	Elevate HD Base8 - 8F OM4 LC-MPO Female Cassette Black Type B	
208-290-TYPE-C-BK	Elevate HD Base8 - 8F OM4 LC-MPO Female Cassette Black Type C	
208-291-TYPE-A-BK	Elevate HD Base8 - 8F OS2 LC-MPO Female Cassette Black Type A	
208-291-TYPE-B-BK	Elevate HD Base8 - 8F OS2 LC-MPO Female Cassette Black Type B	
208-291-TYPE-C-BK	Elevate HD Base8 - 8F OS2 LC-MPO Female Cassette Black Type C	
		16F
208-296-TYPE-A	Elevate HD Base8 - 16F OM4 LC-MPO Female Cassette White Type A	
208-296-TYPE-B	Elevate HD Base8 - 16F OM4 LC-MPO Female Cassette White Type B	
208-296-TYPE-C	Elevate HD Base8 - 16F OM4 LC-MPO Female Cassette White Type C	
208-297-TYPE-A	Elevate HD Base8 - 16F OS2 LC-MPO Female Cassette White Type A	
208-297-TYPE-B	Elevate HD Base8 - 16F OS2 LC-MPO Female Cassette White Type B	
208-297-TYPE-C	Elevate HD Base8 - 16F OS2 LC-MPO Female Cassette White Type C	
208-296-TYPE-A-BK	Elevate HD Base8 - 16F OM4 LC-MPO Female Cassette Black Type A	
208-296-TYPE-B-BK	Elevate HD Base8 - 16F OM4 LC-MPO Female Cassette Black Type B	
208-296-TYPE-C-BK	Elevate HD Base8 - 16F OM4 LC-MPO Female Cassette Black Type C	

Part Number	Description
208-297-TYPE-A-BK	Elevate HD Base8 - 16F OS2 LC-MPO Female Cassette Black Type A
208-297-TYPE-B-BK	Elevate HD Base8 - 16F OS2 LC-MPO Female Cassette Black Type B
208-297-TYPE-C-BK	Elevate HD Base8 - 16F OS2 LC-MPO Female Cassette Black Type C
24F	
208-298-TYPE-A	Elevate HD Base8 - 24F OM4 LC-MPO Female Cassette White Type A
208-298-TYPE-B	Elevate HD Base8 - 24F OM4 LC-MPO Female Cassette White Type B
208-298-TYPE-C	Elevate HD Base8 - 24F OM4 LC-MPO Female Cassette White Type C
208-299-TYPE-A	Elevate HD Base8 - 24F OS2 LC-MPO Female Cassette White Type A
208-299-TYPE-B	Elevate HD Base8 - 24F OS2 LC-MPO Female Cassette White Type B
208-299-TYPE-C	Elevate HD Base8 - 24F OS2 LC-MPO Female Cassette White Type C
208-298-TYPE-A-BK	Elevate HD Base8 - 24F OM4 LC-MPO Female Cassette Black Type A
208-298-TYPE-B-BK	Elevate HD Base8 - 24F OM4 LC-MPO Female Cassette Black Type B
208-298-TYPE-C-BK	Elevate HD Base8 - 24F OM4 LC-MPO Female Cassette Black Type C
208-299-TYPE-A-BK	Elevate HD Base8 - 24F OS2 LC-MPO Female Cassette Black Type A
208-299-TYPE-B-BK	Elevate HD Base8 - 24F OS2 LC-MPO Female Cassette Black Type B
208-299-TYPE-C-BK	Elevate HD Base8 - 24F OS2 LC-MPO Female Cassette Black Type C

Part Number Table – Base12



Also available in black.

Part Number	Description
12F	
208-260-TYPE-A	Elevate HD Base12 - 12F OM4 LC-MPO Female Cassette White Type A
208-260-TYPE-B	Elevate HD Base12 - 12F OM4 LC-MPO Female Cassette White Type B
208-260-TYPE-C	Elevate HD Base12 - 12F OM4 LC-MPO Female Cassette White Type C
208-262-TYPE-A	Elevate HD Base12 - 12F OS2 LC-MPO Female Cassette White Type A
208-262-TYPE-B	Elevate HD Base12 - 12F OS2 LC-MPO Female Cassette White Type B
208-262-TYPE-C	Elevate HD Base12 - 12F OS2 LC-MPO Female Cassette White Type C

Part Number	Description
208-260-TYPE-A-BK	Elevate HD Base12 - 12F OM4 LC-MPO Female Cassette Black Type A
208-260-TYPE-B-BK	Elevate HD Base12 - 12F OM4 LC-MPO Female Cassette Black Type B
208-260-TYPE-C-BK	Elevate HD Base12 - 12F OM4 LC-MPO Female Cassette Black Type C
208-262-TYPE-A-BK	Elevate HD Base12 - 12F OS2 LC-MPO Female Cassette Black Type A
208-262-TYPE-B-BK	Elevate HD Base12 - 12F OS2 LC-MPO Female Cassette Black Type B
208-262-TYPE-C-BK	Elevate HD Base12 - 12F OS2 LC-MPO Female Cassette Black Type C
24F	
208-261-TYPE-A	Elevate HD Base12 - 24F OM4 LC-MPO Female Cassette White Type A
208-261-TYPE-B	Elevate HD Base12 - 24F OM4 LC-MPO Female Cassette White Type B
208-261-TYPE-C	Elevate HD Base12 - 24F OM4 LC-MPO Female Cassette White Type C
208-263-TYPE-A	Elevate HD Base12 - 24F OS2 LC-MPO Female Cassette White Type A
208-263-TYPE-B	Elevate HD Base12 - 24F OS2 LC-MPO Female Cassette White Type B
208-263-TYPE-C	Elevate HD Base12 - 24F OS2 LC-MPO Female Cassette White Type C
208-261-TYPE-A-BK	Elevate HD Base12 - 24F OM4 LC-MPO Female Cassette Black Type A
208-261-TYPE-B-BK	Elevate HD Base12 - 24F OM4 LC-MPO Female Cassette Black Type B
208-261-TYPE-C-BK	Elevate HD Base12 - 24F OM4 LC-MPO Female Cassette Black Type C
208-263-TYPE-A-BK	Elevate HD Base12 - 24F OS2 LC-MPO Female Cassette Black Type A
208-263-TYPE-B-BK	Elevate HD Base12 - 24F OS2 LC-MPO Female Cassette Black Type B
208-263-TYPE-C-BK	Elevate HD Base12 - 24F OS2 LC-MPO Female Cassette Black Type C

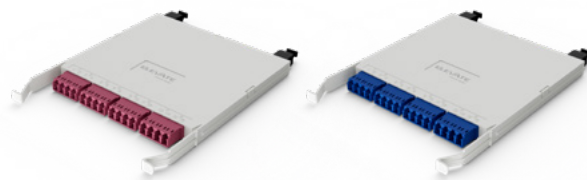


Also available in black.

Base12 MPO Passthrough

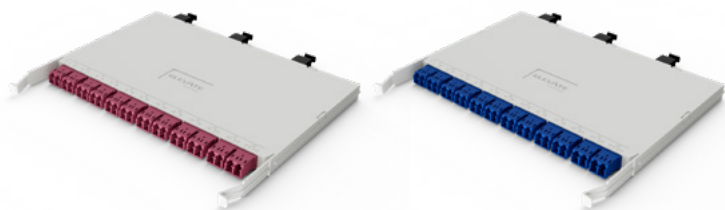
Part Number	Description
208-264	Elevate HD Base12 4 port MPO Passthrough Multimode White
208-264-BK	Elevate HD Base12 4 port MPO Passthrough Multimode Black
208-364	Elevate HD Base12 4 port MPO Passthrough Singlemode White
208-364-BK	Elevate HD Base12 4 port MPO Passthrough Singlemode Black

Part Number Table – Base16



Also available in black.

Part Number	Description
208-292-TYPE-A	Elevate HD Base16 - 16F OM4 LC-MPO Female Cassette White Type A
208-292-TYPE-B	Elevate HD Base16 - 16F OM4 LC-MPO Female Cassette White Type B
208-292-TYPE-C	Elevate HD Base16 - 16F OM4 LC-MPO Female Cassette White Type C
208-293-TYPE-A	Elevate HD Base16 - 16F OS2 LC-MPO Female Cassette White Type A
208-293-TYPE-B	Elevate HD Base16 - 16F OS2 LC-MPO Female Cassette White Type B
208-293-TYPE-C	Elevate HD Base16 - 16F OS2 LC-MPO Female Cassette White Type C
208-292-TYPE-A-BK	Elevate HD Base16 - 16F OM4 LC-MPO Female Cassette Black Type A
208-292-TYPE-B-BK	Elevate HD Base16 - 16F OM4 LC-MPO Female Cassette Black Type B
208-292-TYPE-C-BK	Elevate HD Base16 - 16F OM4 LC-MPO Female Cassette Black Type C
208-293-TYPE-A-BK	Elevate HD Base16 - 16F OS2 LC-MPO Female Cassette Black Type A
208-293-TYPE-B-BK	Elevate HD Base16 - 16F OS2 LC-MPO Female Cassette Black Type B
208-293-TYPE-C-BK	Elevate HD Base16 - 16F OS2 LC-MPO Female Cassette Black Type C



Also available in black.

Part Number Table – Base24

Part Number	Description
208-294-TYPE-A	Elevate HD Base24 - 24F OM4 LC-MPO Female Cassette White Type A
208-294-TYPE-B	Elevate HD Base24 - 24F OM4 LC-MPO Female Cassette White Type B
208-294-TYPE-C	Elevate HD Base24 - 24F OM4 LC-MPO Female Cassette White Type C
208-295-TYPE-A	Elevate HD Base24 - 24F OS2 LC-MPO Female Cassette White Type A
208-295-TYPE-B	Elevate HD Base24 - 24F OS2 LC-MPO Female Cassette White Type B
208-295-TYPE-C	Elevate HD Base24 - 24F OS2 LC-MPO Female Cassette White Type C

Part Number	Description
208-294-TYPE-A-BK	Elevate HD Base24 - 24F OM4 LC-MPO Female Cassette Black Type A
208-294-TYPE-B-BK	Elevate HD Base24 - 24F OM4 LC-MPO Female Cassette Black Type B
208-294-TYPE-C-BK	Elevate HD Base24 - 24F OM4 LC-MPO Female Cassette Black Type C
208-295-TYPE-A-BK	Elevate HD Base24 - 24F OS2 LC-MPO Female Cassette Black Type A
208-295-TYPE-B-BK	Elevate HD Base24 - 24F OS2 LC-MPO Female Cassette Black Type B
208-295-TYPE-C-BK	Elevate HD Base24 - 24F OS2 LC-MPO Female Cassette Black Type C



Also available in black.

Base24 MPO Passthrough

Part Number	Description
208-265	Elevate HD Base24 12 port MPO Passthrough Multimode White
208-265-BK	Elevate HD Base24 12 port MPO Passthrough Multimode Black
208-365	Elevate HD Base24 12 port MPO Passthrough Singlemode White
208-365-BK	Elevate HD Base24 12 port MPO Passthrough Singlemode Black