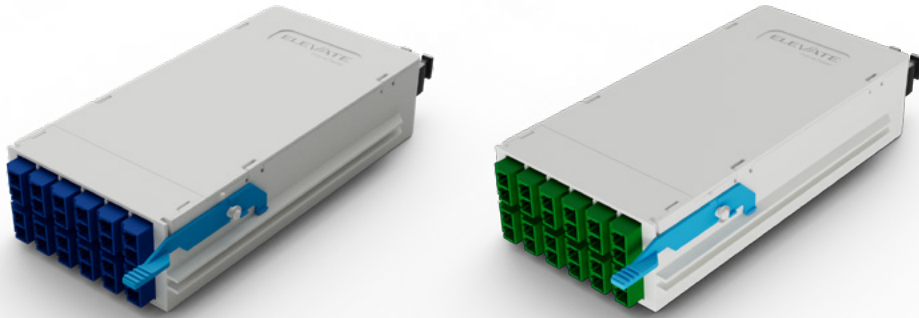


Elevate Medium Density Fibre Optic Cassettes

Singlemode, Base24



Product Overview

The Elevate Singlemode Base24 cassette forms part of a modular medium density fibre solution, providing increased fibre capacity for rack mount environments. Utilising Senko low loss MPO connectivity, the cassette transitions from a rear Base24 MPO interface to LC shuttered adaptors at the front patching field, supporting higher fibre count singlemode installations. When installed within a compatible medium density patch panel chassis, the solution enables up to 120 fibres to be presented in 1U, optimising space utilisation and cable management.

- ✓ Medium density 24 fibre LC to MPO cassette
- ✓ Senko low loss MPO Plus male
- ✓ Access test data via online test trace
- ✓ Compatible with Elevate Medium Density Chassis
- ✓ OS2 & APC options



Please note that this datasheet focuses on the range of Elevate OS2 Base24 Fibre Optic Cassettes. Datasheets for other options can be found on the Elevate website

Product Specifications

Feature	Values
Number of fibres	24
Fibre type	OS2 G657.a2 / APC
Base24 24F	1 x MPO 24F male / female (key left)
Cassette colour	White (RAL 9003) Black (RAL 9004)
MPO Typical Insertion loss	0.15dB
MPO Maximum Insertion loss	0.25dB
MPO Return loss	>60dB
LC Insertion loss	<0.25dB
LC Return loss	>55dB
Front connectivity	LC (Key up)
Front connectivity colour	Blue (OS2) or Green (APC)
Laser dispersal shutter	Yes
Operating temperature	-20 to +70
Storage temperature	-20 to +85

Product Features Explained

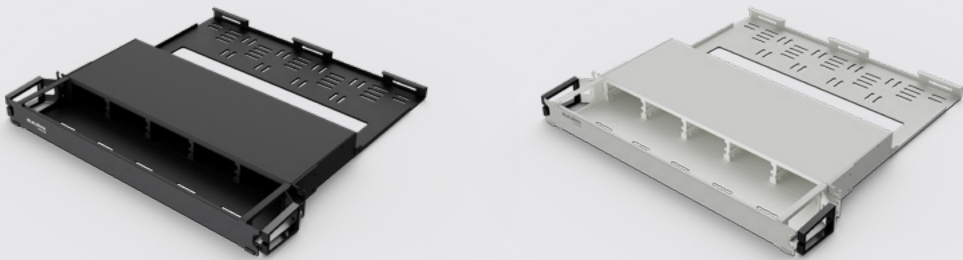


All Elevate MPO solutions are built on Senko low loss, best in class connectivity.

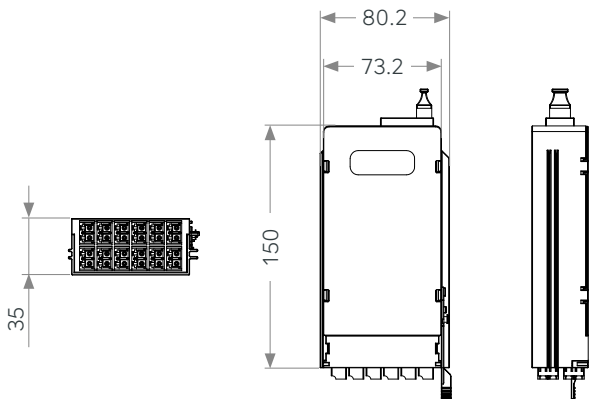


Each cassette is factory tested and test data is accessed via the QR code attached to the cassette and our test trace portal.

The Elevate MD Cassettes are compatible with the Elevate Medium Density Chassis.



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.



Available Options



Singlemode OS2 - White



Singlemode OS2 - Black



Singlemode APC - White



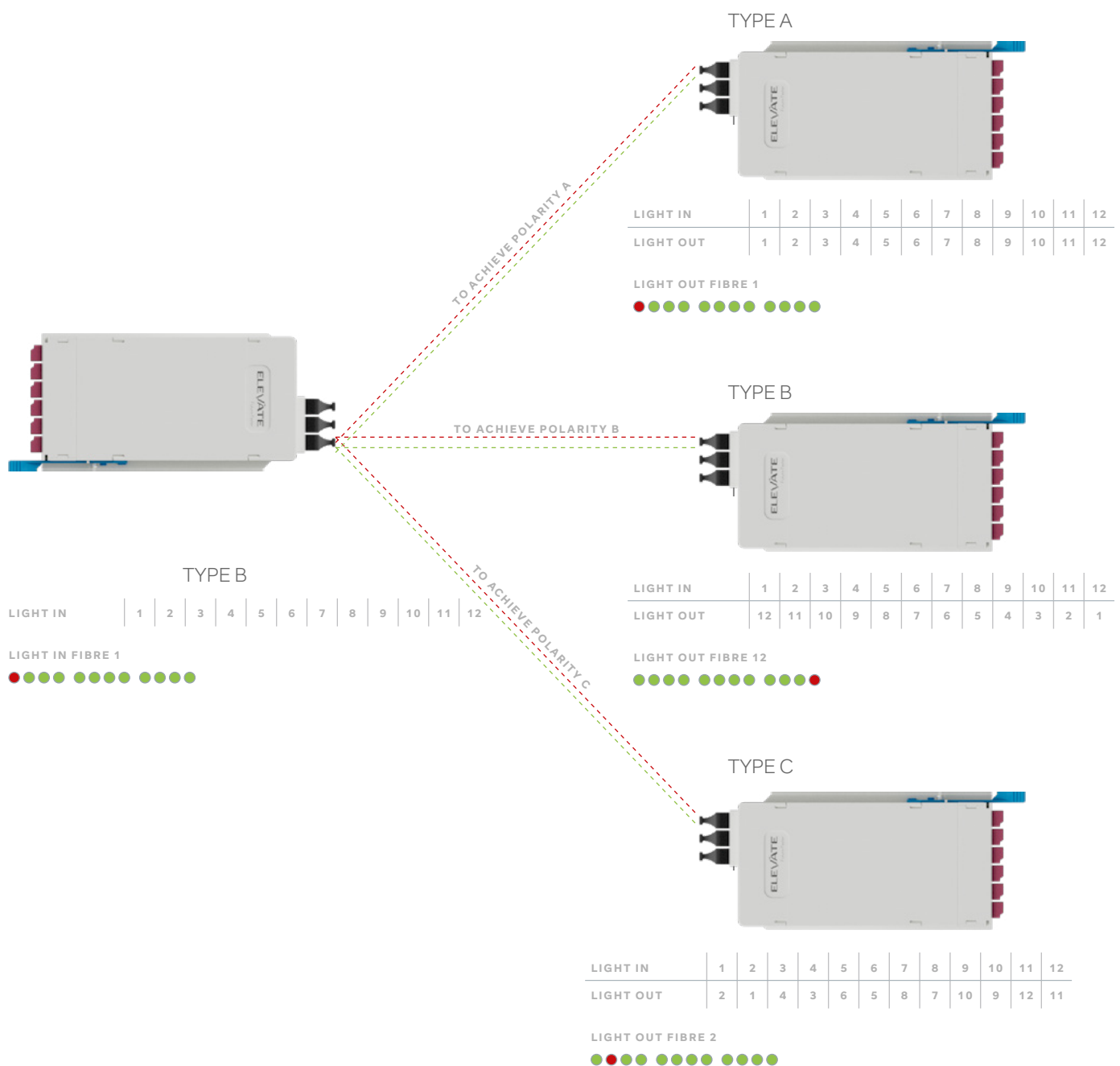
Singlemode APC - Black

To Achieve Correct Polarity

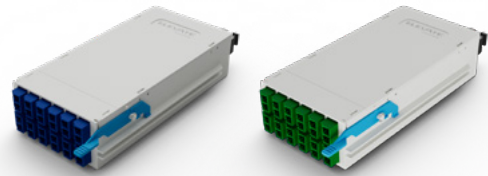
Trunk cable

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



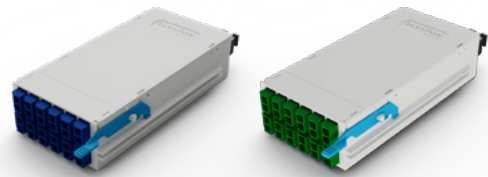
Part Number Table – Base24 Male



Also available in black.

		24F - OS2
209-009-TYPE-A	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette White Type A	
209-009-TYPE-B	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette White Type B	
209-009-TYPE-C	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette White Type C	
209-009-TYPE-A-BK	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette Black Type A	
209-009-TYPE-B-BK	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette Black Type B	
209-009-TYPE-C-BK	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette Black Type C	

Part Number Table – Base24 Female



Also available in black.

		24F - OS2
209-008-TYPE-A	Elevate MD Base24 - 24F OS2 LC-MPO Female Cassette White Type A	
209-008-TYPE-B	Elevate MD Base24 - 24F OS2 LC-MPO Female Cassette White Type B	
209-008-TYPE-C	Elevate MD Base24 - 24F OS2 LC-MPO Female Cassette White Type C	
209-008-TYPE-A-BK	Elevate MD Base24 - 24F OS2 LC-MPO Female Cassette Black Type A	
209-008-TYPE-B-BK	Elevate MD Base24 - 24F OS2 LC-MPO Female Cassette Black Type B	
209-008-TYPE-C-BK	Elevate MD Base24 - 24F OS2 LC-MPO Female Cassette Black Type C	