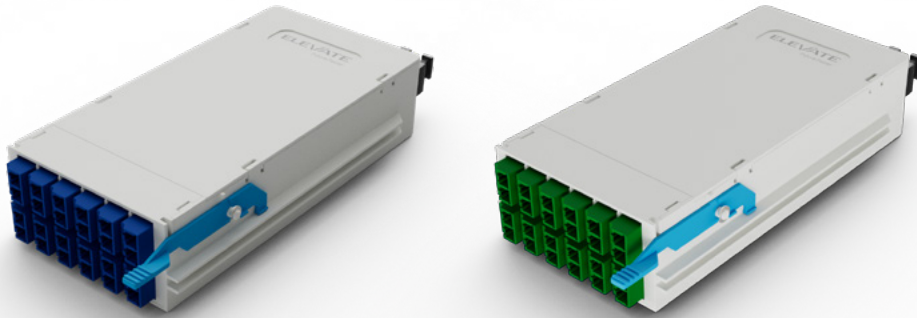


Elevate Medium Density Fibre Optic Cassettes

Singlemode, Base12



Product Overview

The Elevate Singlemode Base12 cassette forms part of a modular medium density fibre solution, enabling reliable fibre connectivity in rack mount environments. Using Senko low loss MPO connectivity, the cassette provides a transition from a rear Base12 MPO interface to LC / LCA shuttered adaptors at the front patching field. Ideal for structured cabling and legacy fibre architectures, the solution supports efficient fibre management and high density deployment, accommodating up to 120 fibres in 1U when used with a compatible medium density chassis.

- ✓ Medium density 24 fibre LC / LCA 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 Base12 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
Base12 24F	2 x MPO 12F 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.

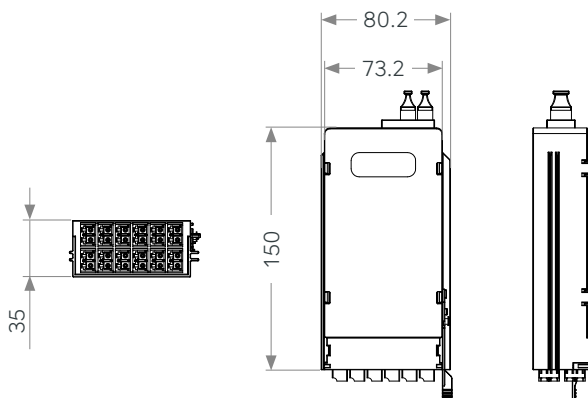


Each cassette is factory tested and test data is accessed via the QR code attached to the cassette and our test trace portal.

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



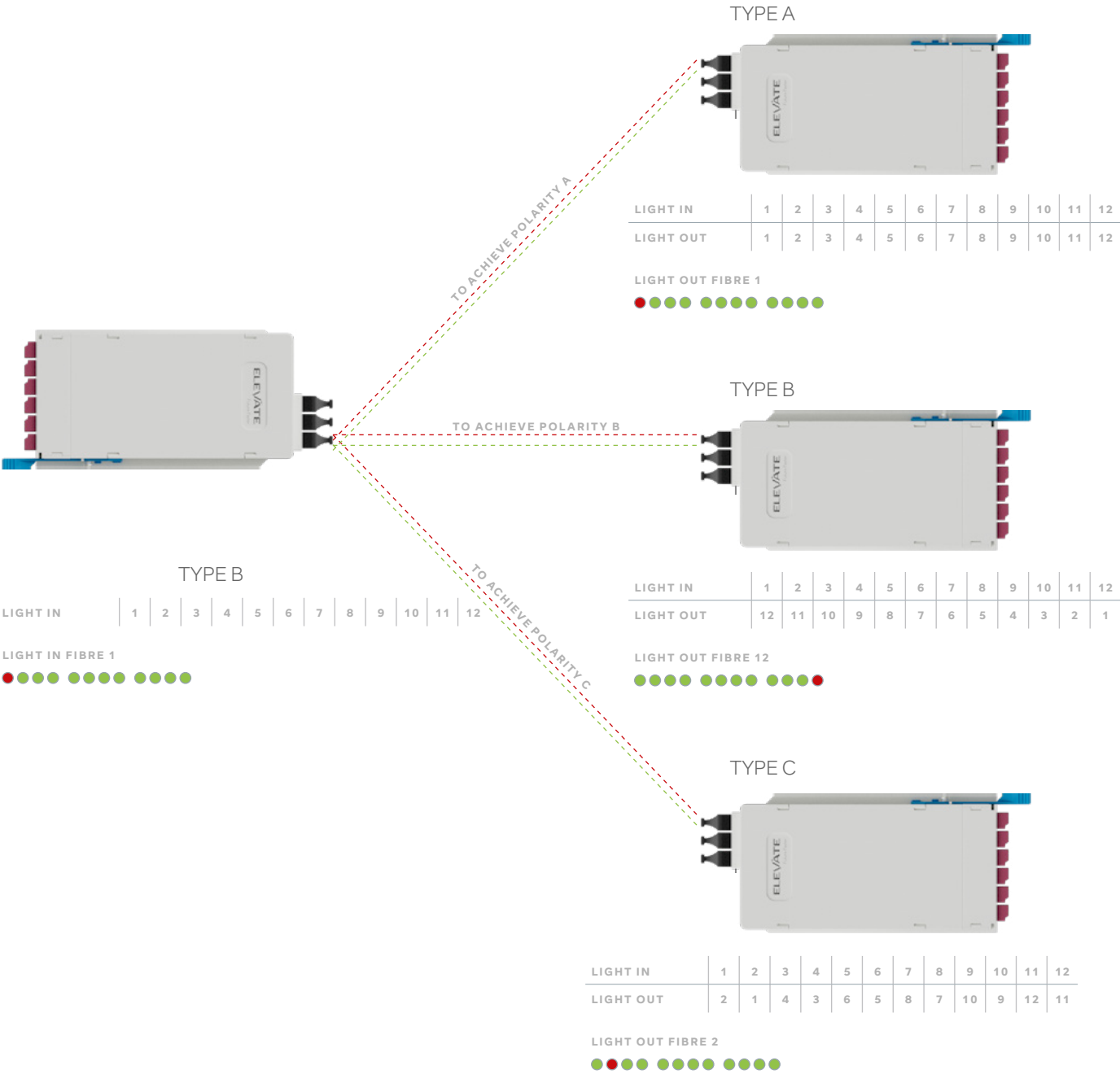
Singlemode APC - White

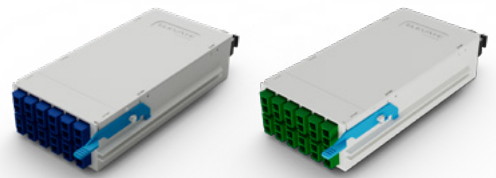


Singlemode APC - Black

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



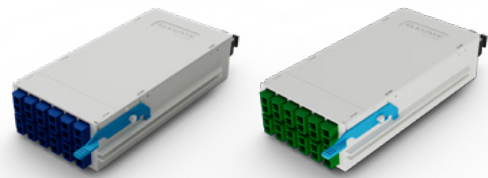


Part Number Table – Base12 - Male

Also available in black.

Part Number	Description	
		24F - OS2
209-005-TYPE-A	Elevate MD Base12 - 24F OS2 LC-MPO Male Cassette White Type A	
209-005-TYPE-B	Elevate MD Base12 - 24F OS2 LC-MPO Male Cassette White Type B	
209-005-TYPE-C	Elevate MD Base12 - 24F OS2 LC-MPO Male Cassette White Type C	
209-005-TYPE-A-BK	Elevate MD Base12 - 24F OS2 LC-MPO Male Cassette Black Type A	
209-005-TYPE-B-BK	Elevate MD Base12 - 24F OS2 LC-MPO Male Cassette Black Type B	
209-005-TYPE-C-BK	Elevate MD Base12 - 24F OS2 LC-MPO Male Cassette Black Type C	
		24F - APC
209-021-TYPE-A	Elevate MD Base12 - 24F APC LCA-MPO Male Cassette White Type A	
209-021-TYPE-B	Elevate MD Base12 - 24F APC LCA-MPO Male Cassette White Type B	
209-021-TYPE-C	Elevate MD Base12 - 24F APC LCA-MPO Male Cassette White Type C	
209-021-TYPE-A-BK	Elevate MD Base12 - 24F APC LCA-MPO Male Cassette Black Type A	
209-021-TYPE-B-BK	Elevate MD Base12 - 24F APC LCA-MPO Male Cassette Black Type B	
209-021-TYPE-C-BK	Elevate MD Base12 - 24F APC LCA-MPO Male Cassette Black Type C	

Part Number Table – Base12 - Female



Also available in black.

		24F - OS2
209-004-TYPE-A	Elevate MD Base12 - 24F OS2 LC-MPO Female Cassette White Type A	
209-004-TYPE-B	Elevate MD Base12 - 24F OS2 LC-MPO Female Cassette White Type B	
209-004-TYPE-C	Elevate MD Base12 - 24F OS2 LC-MPO Female Cassette White Type C	
209-004-TYPE-A-BK	Elevate MD Base12 - 24F OS2 LC-MPO Female Cassette Black Type A	
209-004-TYPE-B-BK	Elevate MD Base12 - 24F OS2 LC-MPO Female Cassette Black Type B	
209-004-TYPE-C-BK	Elevate MD Base12 - 24F OS2 LC-MPO Female Cassette Black Type C	