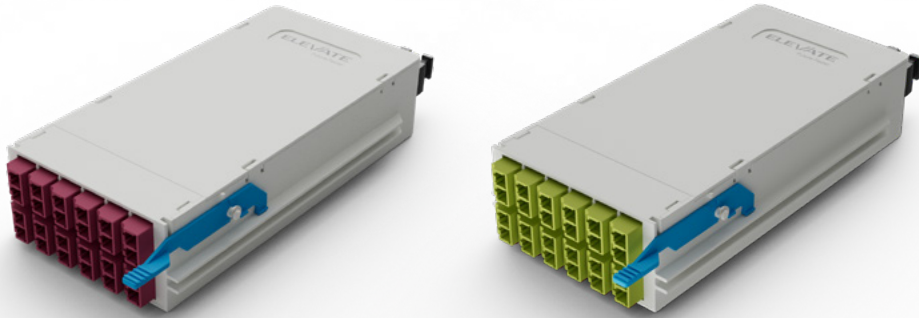


Elevate Medium Density Fibre Optic Cassettes

Multimode, Base8



Product Overview

The Elevate Multimode Base8 cassette forms part of a modular medium density fibre solution, designed to support flexible connectivity in rack mount environments. Utilising Senko low loss MPO connectivity, the cassette transitions from a rear Base8 MPO interface to LC shuttered adaptors at the front patching field, making it ideal for high-speed short reach multimode applications. When combined with a compatible medium density chassis, the solution supports up to 120 fibres in 1U, ensuring efficient fibre management and scalability.

- ✓ 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
- ✓ OM4 & OM5 options



Please note that this datasheet focuses on the range of Elevate Multimode Base8 Fibre Optic Cassettes. Datasheets for other options can be found on the Elevate website

Product Specifications

Feature	Values
Number of fibres	24
Fibre type	Multimode OM4 / OM5
Base8 24F	3 x MPO 8F 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	>25dB
LC Insertion loss	<0.25dB
LC Return loss	>55dB
Front connectivity	LC (Key up)
Front connectivity colour	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.

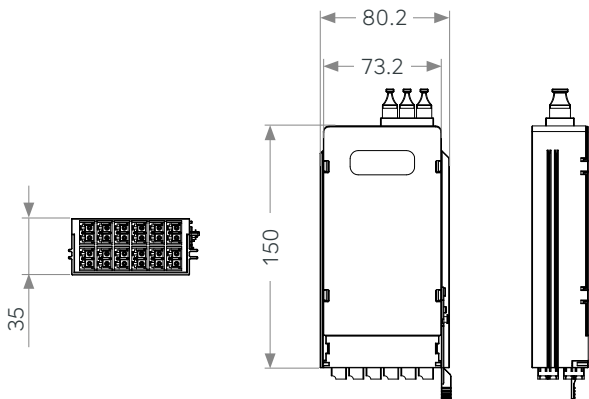


Each cassette is factory tested and test data is accessed via the QR code attached to the cassette and our test trace portal.

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



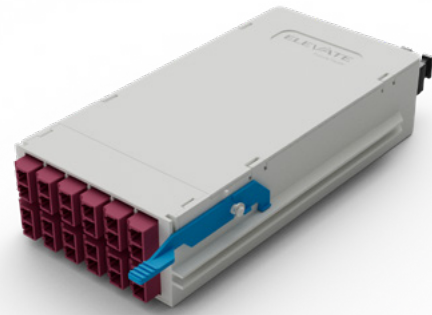
Product Drawing



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.



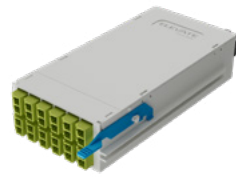
Available Options



Multimode OM4 - White



Multimode OM4 - Black



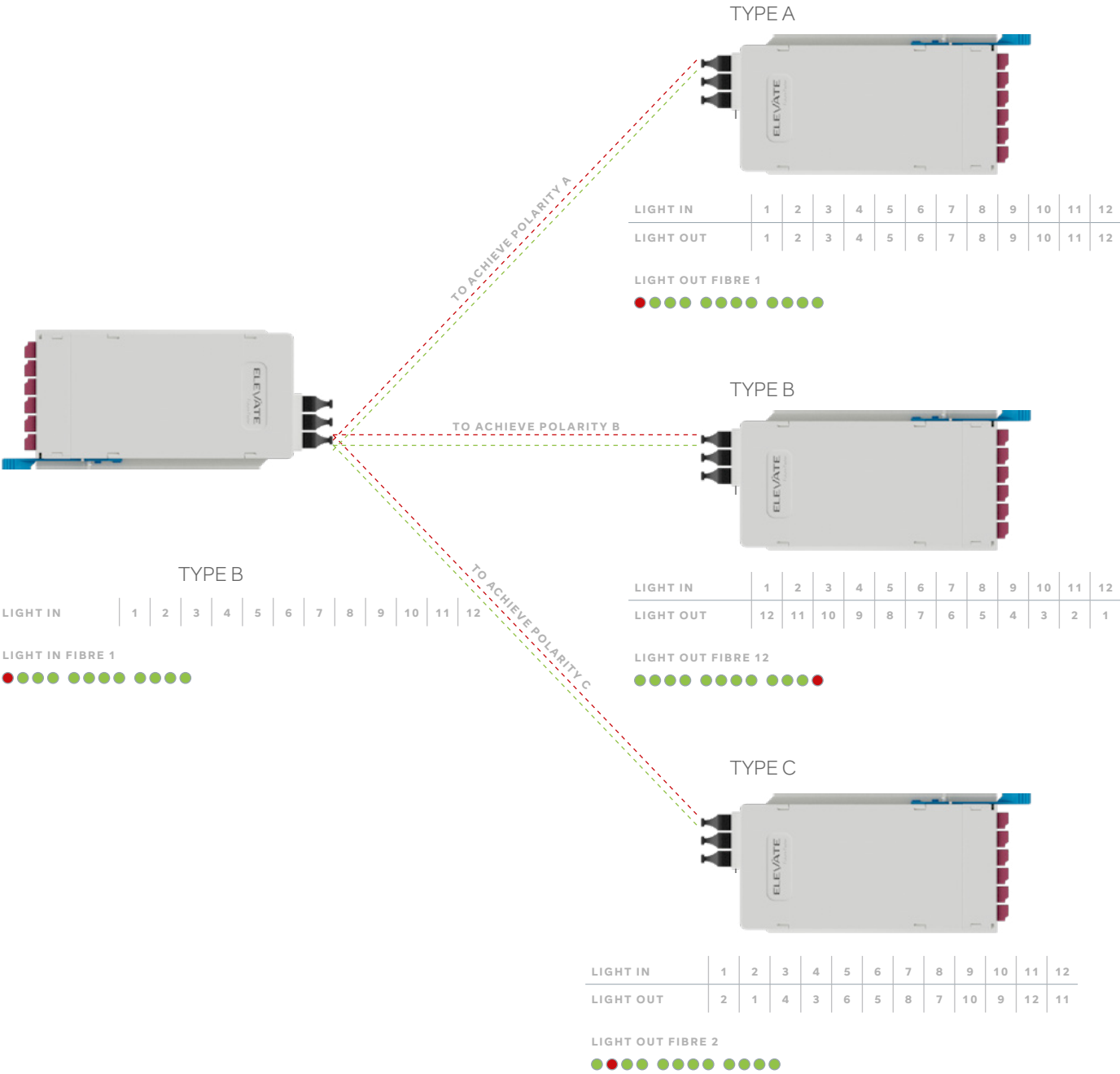
Multimode OM5 - White



Multimode OM5 - 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 – Base8 - Male



Also available in black.

Part Number	Description
24F - OM4	
209-003-TYPE-A	Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette White Type A
209-003-TYPE-B	Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette White Type B
209-003-TYPE-C	Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette White Type C
209-003-TYPE-A-BK	Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette Black Type A
209-003-TYPE-B-BK	Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette Black Type B
209-003-TYPE-C-BK	Elevate MD Base8 - 24F OM4 LC-MPO Male Cassette Black Type C
24F - OM5	
209-012-TYPE-A	Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette White Type A
209-012-TYPE-B	Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette White Type B
209-012-TYPE-C	Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette White Type C
209-012-TYPE-A-BK	Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette Black Type A
209-012-TYPE-B-BK	Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette Black Type B
209-012-TYPE-C-BK	Elevate MD Base8 - 24F OM5 LC-MPO Male Cassette Black Type C

Part Number Table – Base8 - Female



Also available in black.

Part Number	Description
24F - OM4	
209-002-TYPE-A	Elevate MD Base8 - 24F OM4 LC-MPO Female Cassette White Type A
209-002-TYPE-B	Elevate MD Base8 - 24F OM4 LC-MPO Female Cassette White Type B
209-002-TYPE-C	Elevate MD Base8 - 24F OM4 LC-MPO Female Cassette White Type C
209-002-TYPE-A-BK	Elevate MD Base8 - 24F OM4 LC-MPO Female Cassette Black Type A
209-002-TYPE-B-BK	Elevate MD Base8 - 24F OM4 LC-MPO Female Cassette Black Type B
209-002-TYPE-C-BK	Elevate MD Base8 - 24F OM4 LC-MPO Female Cassette Black Type C
24F - OM5	
209-112-TYPE-A	Elevate MD Base8 - 24F OM5 LC-MPO Female Cassette White Type A
209-112-TYPE-B	Elevate MD Base8 - 24F OM5 LC-MPO Female Cassette White Type B
209-112-TYPE-C	Elevate MD Base8 - 24F OM5 LC-MPO Female Cassette White Type C
209-112-TYPE-A-BK	Elevate MD Base8 - 24F OM5 LC-MPO Female Cassette Black Type A
209-112-TYPE-B-BK	Elevate MD Base8 - 24F OM5 LC-MPO Female Cassette Black Type B
209-112-TYPE-C-BK	Elevate MD Base8 - 24F OM5 LC-MPO Female Cassette Black Type C