

Elevate Medium Density Fibre Optic Cassettes

Base8,12 and 24



Product Overview

The Elevate range of cassettes form part of a modular solution enabling medium 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 medium density patch panel chassis upto 120f on LC presentation can be accommodated in 1U of rack space.

MPO passthrough 12 Port, traditional splice and splitter cassettes are also available for the Medium Density Panels.

- ✓ High density 8,12,and 24 fibre LC to MPO cassette
- ✓ Senko low loss MPO Plus male
- ✓ MPO 8,12,24 fibre at rear
- ✓ Access test data via online test trace
- ✓ Compatible with Elevate Medium Density Chassis
- ✓ OS2, OM4 and OM5 options

Available Options



Singlemode OS2, APC



Multimode OM4, OM5

Product Specifications

Feature	Values	
	Singlemode	Multimode
Number of fibres	24	
Fibre type	OS2 G657.a2 / OM4 / OM5	
Rear connectivity		
Base8 24F	3 x MPO 8F male / female (key left)	
Base12 24F	2 x MPO 12F male / female (key left)	
Base24	1 x MPO 24F male / female (key left)	
Rear connectivity colour	Black	Grey
Cassette colour	White (RAL9003) Black (RAL 9004)	
	Singlemode OS2, APC	Multimode OM4, OM5
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 (OS2) or Green (APC)	Violet (OM4) Lime Green (OM5)
Laser dispersal shutter	Yes	
Operating temperature	-20 to +70	
Storage temperature	-20 to +85	

Product Features Explained

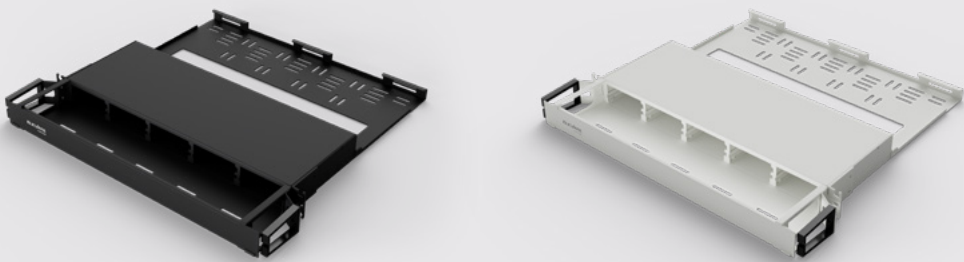


All Elevate MPO solutions are built on Senko low loss, best in class connectivity.



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.



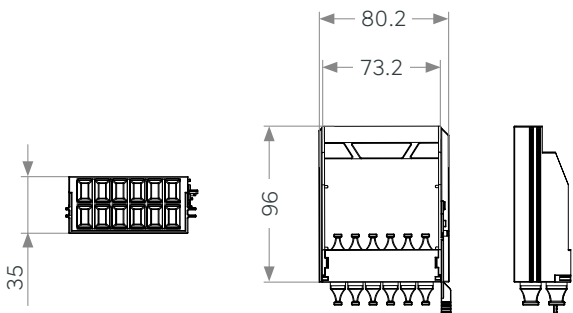
Product Standards

Applicable standard

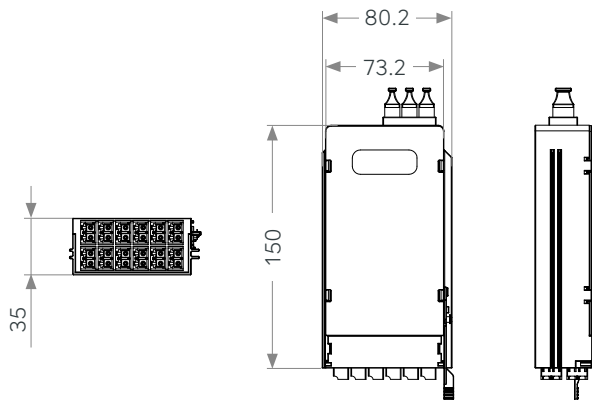
Compliance with International Standards ISO 11801, EN 50173 and ANSI/TIA 568-E, necessitates that this product/ component adheres to all relevant normative references specified within these standards.



Product Drawing



MD-12 Port MPO Passthrough Cassette



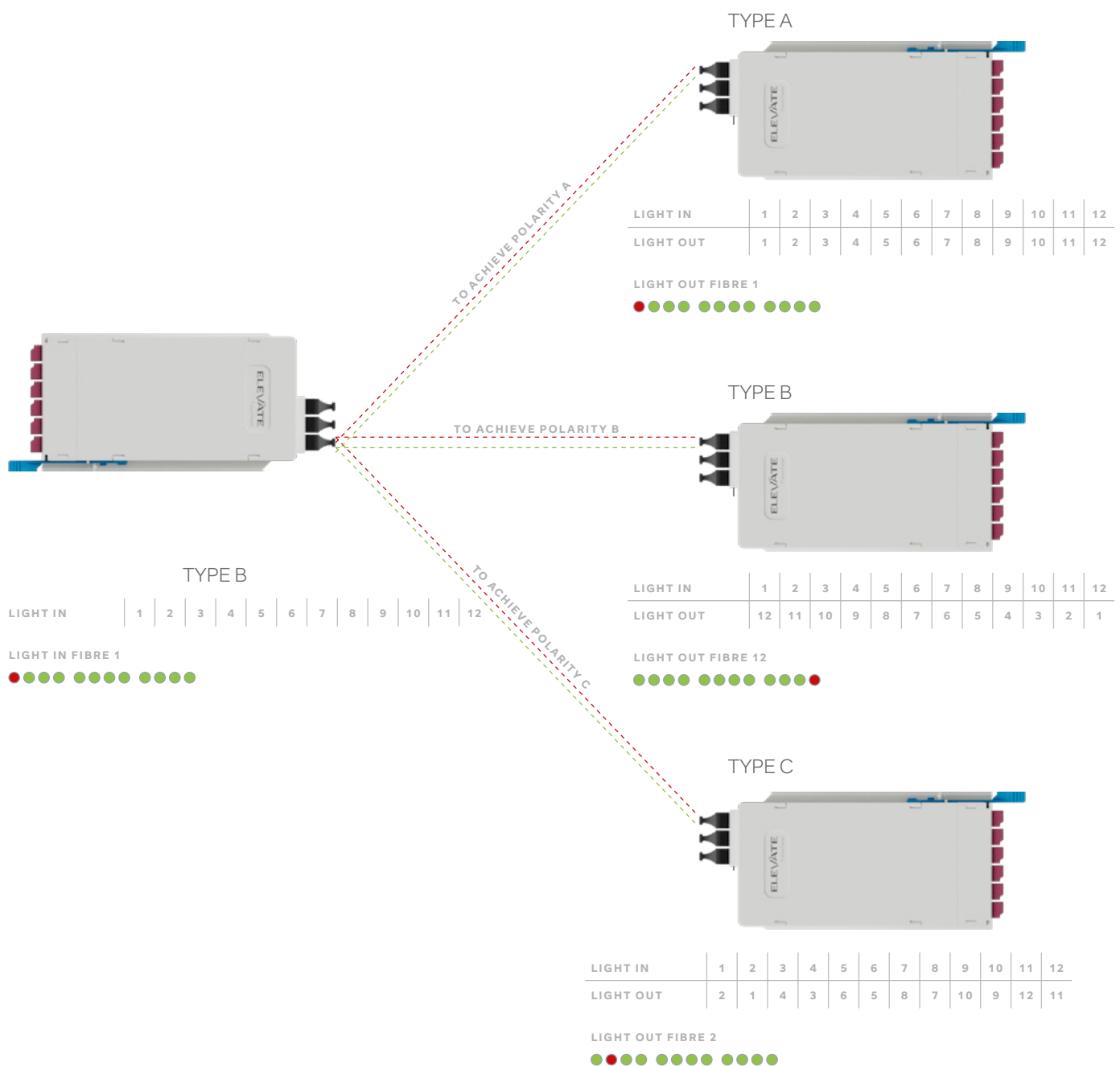
MD-24F MPO-LC Cassette

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



Base8 - Male



Also available in black.

Part Number	Description
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
209-012-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
209-001-TYPE-A	Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette White Type A
209-001-TYPE-B	Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette White Type B
209-001-TYPE-C	Elevate MD Base8 - 24F OS2 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
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
209-001-TYPE-A-BK	Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette Black Type A
209-001-TYPE-B-BK	Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette Black Type B
209-001-TYPE-C-BK	Elevate MD Base8 - 24F OS2 LC-MPO Male Cassette Black Type C

Base8 - Female



Also available in black.

Part Number	Description
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
209-112-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
209-000-TYPE-A	Elevate MD Base8 - 24F OS2 LC-MPO Female Cassette White Type A
209-000-TYPE-B	Elevate MD Base8 - 24F OS2 LC-MPO Female Cassette White Type B
209-000-TYPE-C	Elevate MD Base8 - 24F OS2 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
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
209-000-TYPE-A-BK	Elevate MD Base8 - 24F OS2 LC-MPO Female Cassette Black Type A
209-000-TYPE-B-BK	Elevate MD Base8 - 24F OS2 LC-MPO Female Cassette Black Type B
209-000-TYPE-C-BK	Elevate MD Base8 - 24F OS2 LC-MPO Female Cassette Black Type C

Base12 - Male



Also available in black.

Part Number	Description
209-007-TYPE-A	Elevate MD Base12 - 24F OM4 LC-MPO Male Cassette White Type A
209-007-TYPE-B	Elevate MD Base12 - 24F OM4 LC-MPO Male Cassette White Type B
209-007-TYPE-C	Elevate MD Base12 - 24F OM4 LC-MPO Male Cassette White Type C
209-013-TYPE-A	Elevate MD Base12 - 24F OM5 LC-MPO Male Cassette White Type A
209-013-TYPE-B	Elevate MD Base12 - 24F OM5 LC-MPO Male Cassette White Type B
209-013-TYPE-C	Elevate MD Base12 - 24F OM5 LC-MPO Male Cassette White Type C
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
209-007-TYPE-A-BK	Elevate MD Base12 - 24F OM4 LC-MPO Male Cassette Black Type A
209-007-TYPE-B-BK	Elevate MD Base12 - 24F OM4 LC-MPO Male Cassette Black Type B
209-007-TYPE-C-BK	Elevate MD Base12 - 24F OM4 LC-MPO Male Cassette Black Type C
209-013-TYPE-A-BK	Elevate MD Base12 - 24F OM5 LC-MPO Male Cassette Black Type A
209-013-TYPE-B-BK	Elevate MD Base12 - 24F OM5 LC-MPO Male Cassette Black Type B
209-013-TYPE-C-BK	Elevate MD Base12 - 24F OM5 LC-MPO Male Cassette Black 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

Base12 - Female



Also available in black.

Part Number	Description
209-006-TYPE-A	Elevate MD Base12 - 24F OM4 LC-MPO Female Cassette White Type A
209-006-TYPE-B	Elevate MD Base12 - 24F OM4 LC-MPO Female Cassette White Type B
209-006-TYPE-C	Elevate MD Base12 - 24F OM4 LC-MPO Female Cassette White Type C
209-113-TYPE-A	Elevate MD Base12 - 24F OM5 LC-MPO Female Cassette White Type A
209-113-TYPE-B	Elevate MD Base12 - 24F OM5 LC-MPO Female Cassette White Type B
209-113-TYPE-C	Elevate MD Base12 - 24F OM5 LC-MPO Female Cassette White Type C
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
209-006-TYPE-A-BK	Elevate MD Base12 - 24F OM4 LC-MPO Female Cassette Black Type A
209-006-TYPE-B-BK	Elevate MD Base12 - 24F OM4 LC-MPO Female Cassette Black Type B
209-006-TYPE-C-BK	Elevate MD Base12 - 24F OM4 LC-MPO Female Cassette Black Type C
209-113-TYPE-A-BK	Elevate MD Base12 - 24F OM5 LC-MPO Female Cassette Black Type A
209-113-TYPE-B-BK	Elevate MD Base12 - 24F OM5 LC-MPO Female Cassette Black Type B
209-113-TYPE-C-BK	Elevate MD Base12 - 24F OM5 LC-MPO Female Cassette Black 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

Base24 Male



Also available in black.

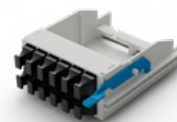
Part Number	Description
209-009-TYPE-A	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette White Type A
209-009-TYPE-B	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette White Type B
209-009-TYPE-C	Elevate MD Base24 - 24F OS2 LC-MPO Male Cassette White Type C
209-009-TYPE-A-BK	Elevate MD Base24 - 24F OS2 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
209-011-TYPE-A	Elevate MD Base24 - 24F OM4 LC-MPO Male Cassette White Type A
209-011-TYPE-B	Elevate MD Base24 - 24F OM4 LC-MPO Male Cassette White Type B
209-011-TYPE-C	Elevate MD Base24 - 24F OM4 LC-MPO Male Cassette White Type C
209-011-TYPE-A-BK	Elevate MD Base24 - 24F OM4 LC-MPO Male Cassette Black Type A
209-011-TYPE-B-BK	Elevate MD Base24 - 24F OM4 LC-MPO Male Cassette Black Type B
209-011-TYPE-C-BK	Elevate MD Base24 - 24F OM4 LC-MPO Male Cassette Black Type C
209-014-TYPE-A	Elevate MD Base24 - 24F OM5 LC-MPO Male Cassette White Type A
209-014-TYPE-B	Elevate MD Base24 - 24F OM5 LC-MPO Male Cassette White Type B
209-014-TYPE-C	Elevate MD Base24 - 24F OM5 LC-MPO Male Cassette White Type C
209-014-TYPE-A-BK	Elevate MD Base24 - 24F OM5 LC-MPO Male Cassette Black Type A
209-014-TYPE-B-BK	Elevate MD Base24 - 24F OM5 LC-MPO Male Cassette Black Type B
209-014-TYPE-C-BK	Elevate MD Base24 - 24F OM5 LC-MPO Male Cassette Black Type C

Base24 Female



Also available in black.

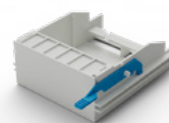
Part Number	Description
209-010-TYPE-A	Elevate MD Base24 - 24F OM4 LC-MPO Female Cassette White Type A
209-010-TYPE-B	Elevate MD Base24 - 24F OM4 LC-MPO Female Cassette White Type B
209-010-TYPE-C	Elevate MD Base24 - 24F OM4 LC-MPO Female Cassette White Type C
209-114-TYPE-A	Elevate MD Base24 - 24F OM5 LC-MPO Female Cassette White Type A
209-114-TYPE-B	Elevate MD Base24 - 24F OM5 LC-MPO Female Cassette White Type B
209-114-TYPE-C	Elevate MD Base24 - 24F OM5 LC-MPO Female Cassette White Type C
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
209-010-TYPE-A-BK	Elevate MD Base24 - 24F OM4 LC-MPO Female Cassette Black Type A
209-010-TYPE-B-BK	Elevate MD Base24 - 24F OM4 LC-MPO Female Cassette Black Type B
209-010-TYPE-C-BK	Elevate MD Base24 - 24F OM4 LC-MPO Female Cassette Black Type C
209-114-TYPE-A-BK	Elevate MD Base24 - 24F OM5 LC-MPO Female Cassette Black Type A
209-114-TYPE-B-BK	Elevate MD Base24 - 24F OM5 LC-MPO Female Cassette Black Type B
209-114-TYPE-C-BK	Elevate MD Base24 - 24F OM5 LC-MPO Female Cassette Black 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



MPO Passthrough

Also available in black.

Part Number	Description
209-012	Elevate MD 12 Port MPO passthrough White
209-012-BK	Elevate MD 12 Port MPO passthrough Black



Also available in black.

Part Number	Description
209-013	Elevate MD Blank Plate White
209-013-BK	Elevate MD Blank Plate Black

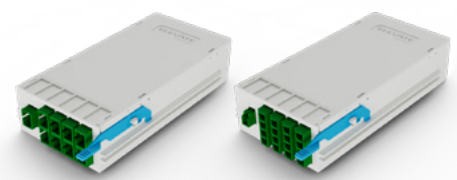


Also available in black.

Splice Cassette

Part Number	Description
209-014	Elevate MD 24F Splice OS2 LC UPC +Pigtails Cassette White
209-014-BK	Elevate MD 24F Splice OS2 LC UPC +Pigtails Cassette Black
209-015	Elevate MD 24F Splice OM4 LC UPC +Pigtails Cassette White
209-015-BK	Elevate MD 24F Splice OM4 LC UPC +Pigtails Cassette Black
209-020	Elevate MD 24F Splice OM5 LC UPC +Pigtails Cassette White
209-020-BK	Elevate MD 24F Splice OM5 LC UPC +Pigtails Cassette Black

Splitter Module



Also available in black.

Part Number	Description
8F	
209-016	Elevate MD 8F SCA Splitter module 1x1:8 Splitter White
209-016-BK	Elevate MD 8F SCA Splitter module 1x1:8 Splitter Black
16F	
209-017	Elevate MD 16F LCA Splitter module 1x1:16 Splitter White
209-017-BK	Elevate MD 16F LCA Splitter module 1x1:16 Spllitter Black