

U-Series MPO Cassette BASE-24



Description

The U-Series MPO Cassette BASE-24 provides an interface between 24-fiber ferrule MPO trunks or patch cords and LC interfaces. With its compact footprint, the U-Series MPO Cassette BASE-24 provides scalability for high-density fiber optic infrastructure with up to 288 fibers inside a 2RU space. U-Series MPO Cassettes enable fast, plug-and-play installation. With a range of rear loading MPO connector options, fiber types, and front-facing single form factor connections available, U-Series MPO cassettes can be quickly loaded into U-Series housings and quickly disconnected or reconfigured for Moves, Adds, and Changes.

Features and Benefits

- 24 (LC) fiber cassettes
- Compatible with 2RU, 1RU, and 0RU U-Series housings
- Standard and elite MPO connectors
- 24-fiber ferrule MPO/MTP® interface
- Premium LC terminations
- SM and MM (OM4) versions

Applications

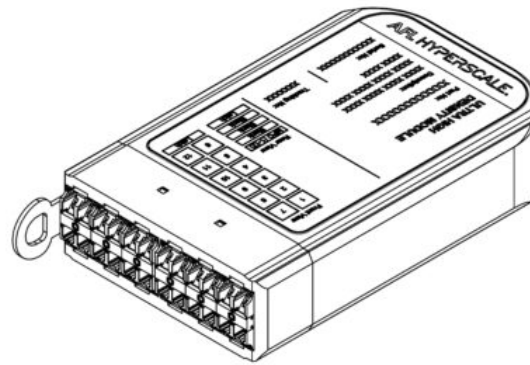
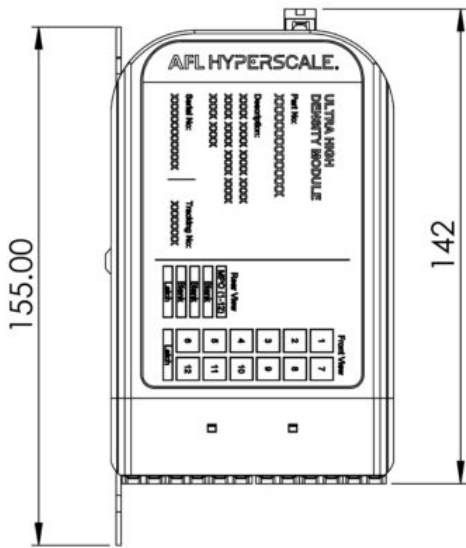
- Data center
- Fiber channel
- Storage Area Networks (SANs)

Specifications

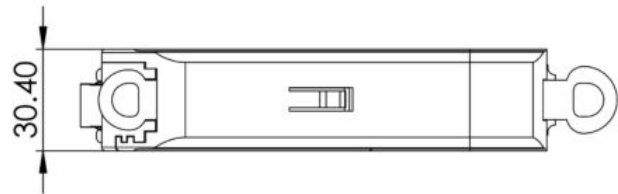
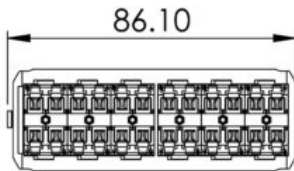
Element	Characteristic
Fiber types	SM 9/125 G.657A1, MM 50/125 OM4
Fiber counts	24f
Polarity mapping	Non-Standard - Variant 1
Adapters	Rear: Single x MPO; Body Color: Black - Opposite Keyway; Front: 6 x LC (quad) with internal shutter; Body Color: Aqua, Erika Violet (OM4), Blue (SM/UPC), Green (SM/APC)
Internal assembly connectors	MPO MM: Low Loss Elite (24-fiber ferrule) MPO SM: Standard Loss (24-fiber ferrule) LC MM/SM Premium
Cassette material	ABS CR4 Steel
Cassette color	Black
Storage temperature	-20 ~ +60°C
Operating temperature	-20 ~ +60°C
Cassette dimensions	30mm (W) x 160mm (D) x 84.50 mm (H)
Package dimensions	45mm (W) x 280mm (D) x 140 mm (H)
Cassette weight	2.10kg
Cassette weight (packaged)	2.75kg
Materials compliant to	RoHS, Reach / SVHC

Termination Performance Connector Mating	IL Average	IL Max	Return Loss
MTP ELITE (MM 24F)	0.10dB	0.35dB	NA
LC, SC Premium (MM)	0.08dB	0.15dB	NA
MTP (SM 24F)	0.30dB	0.75dB	>60dB
LC, SC Premium (SM)	0.12dB	0.15dB	55/65dB

Technical Drawing



Isometric View



ITEM NO.	DESCRIPTION	QTY.
1	24F MPO-LC UHD Cassette Assembly - Unloaded	1
2	MPO-LC Fanout	1

Ordering Information

Code	Fiber Type	Code	End B	Code
A	4 OM4	UD24BPV	A LC	-05DF
	7 G.657A1		B LCA	

Legacy ordering information

Part Number	Description
UHDM2PM24LCMM-US	UHD Module 24Fibers 1xMTP(24F ELITE)M to 24xLC (6xLC(QUAD) Aqua) Premium MM 50/125 OM4 Variant I
UHDM2M24LCSM-US	UHD Module 24Fibers 1xMTP(24F)M to 24xLC/UPC (6xLC(QUAD) Blue) Premium SM 9/125 G.657A1 for Variant I
UHDM2M24LCASM-US	UHD Module 24Fibers 1xMTP(24F)M to 24xLC/APC (6xLC(QUAD) Green) Premium SM 9/125 G.657A1 for Variant I
UHDM2PM24LCMMEV-US	UHD Module 24Fibers 1xMTP(24F ELITE)M to 24xLC (6xLC(QUAD) Erica Viol) Premium MM 50/125 OM4 Variant I

Part Number	Description
UHDM2PM24LCSM-US	HD Module 24Fibers 1xMTP(24F ELITE)M to 24xLC/UPC (6xLC(QUAD) Blue) Premium SM 9/125 G.657A1 for Variant I

Regional Availability

USA	EMEA	INDIA	APAC (excluding India)
+1-866-814-8615 usasales@afllhyperscale.com	+44 1908 441 144 emeasales@afllhyperscale.com	+91 80 46874687 indiasales@afllhyperscale.com	+86 755 2561 3694 apacsales@afllhyperscale.com

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