

# U-Series Pre-Terminated Cassettes

U-Series Pre-Terminated Cassettes bring convenience and flexibility to your data center infrastructure. When fewer links are required, you can easily build a high-performance network with rapid installation time, ultimately improving power budgets and overall cost efficiency. These pre-terminated cassettes are available in a range of configurations to suit your application, factory terminated and pre-tested so you can plug-and-play straight out of the box.

## Features

### Multiple Configurations

- Cassette to Cassette
- Cassette to MPO
- Cassette to LC or SC fanout
- Cassette to cable stub for splicing

### High-Density Pre-Terminated Cassettes

- U-Series 12 ports (24 fiber) with LC
- U-Series 6 ports (12 fiber) with LC

### Shuttered Adapters

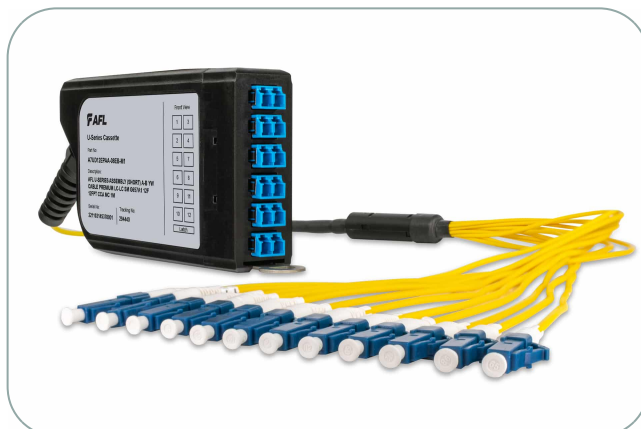
- Greener solution by eliminating adapter dust caps
- Provide automatic laser eye safety
- Easy fault detection
- Facilitate faster patching

### Facilitates Moves, Adds, and Changes

- Cassettes can be locked in a parked or maintenance position for simplified patching

## Applications

- Data Center
- Campus
- Central Office
- Office Backbone



## Specifications

Fiber Types	SM, OM4
Capacity	12 LC ports (24 fiber), 6 LC ports (12 fiber)
Adapter Types	LC, SC
Materials	ABS, CR4 Steel
Materials Compliant	RoHS, Reach/SVHC, UL 94V-0
Regional Availability	Global

### Optical Performance

Connector Mating	Insertion Loss Avg	Insertion Loss Max	Return Loss
LC, SC Premium Low Loss (MM)	0.08 dB	0.15 dB	N/A
LC, SC Premium Low Loss (SM)	0.12 dB	0.15 dB	≤60 dB

### Fiber Performance

Fiber Type (ISO/IEC 11801)	SM (OS1/OS2)	OM4
Attenuation Coefficient	≤0.38 Max (1300nm) ≤0.25 Max (1550nm) ≤0.34 Typ (1300nm) ≤0.19 Typ (1550nm)	<3.5 Max (850nm) <1.5 Max (1300nm) <2.7 Typ (850nm) <0.9 Typ (1300nm)
Minimum bandwidth: Overfilled launch (Mhz-km)	N/A	≥3500 (850nm) ≥500 (1300nm)
Minimum bandwidth: Laser Effective Modal Bandwidth (Mhz-km)	N/A	≥4700 (850nm)

## Ordering Information

Description	Part Number
AFL U-Series Pre-Term Cassette to Cassette (A-B), 24 Fiber, SM, LC-LC (Blue), Indoor MicroCable (Yellow), CPR Cca, Xm	A7UD24EPAA-08EG-MX
AFL U-Series Pre-Term Cassette to Cassette (A-B), 24 Fiber, OM4, LC-LC (Aqua), Indoor MicroCable (Aqua), CPR Cca, Xm	A4UD24FPAA-08EG-MX
AFL U-Series Pre-Term Cassette to MPO, 12 Fiber, SM, LC (Blue) to MPO Female Base-12, Indoor MicroCable (Yellow), CPR Cca, Xm	A7UD12EPAU-08LS-MX
AFL U-Series Pre-Term Cassette to MPO, 12 Fiber, OM4, LC (Aqua) to MPO Female Base-12, Indoor MicroCable (Aqua), CPR Cca, Xm	A4UD12FPAU-08LS-MX
AFL U-Series Cassette to Fanout, 24 Fiber, SM, LC-LC (Blue), Indoor MicroCable (Yellow), CPR Cca, Xm	A7UD24EPAA-08FG-MX
AFL U-Series Cassette to Fanout, 24 Fiber, OM4, LC-LC (Aqua), Indoor MicroCable (Aqua), CPR Cca, Xm	A4UD24FPAA-08FG-MX
AFL U-Series Cassette to Stub, 24 Fiber, SM, LC (Blue), Indoor MicroCable (Yellow), CPR Cca, Xm	A7UD12EPAX-08HB-MX
AFL U-Series Cassette to Stub, 24 Fiber, OM4, LC (Aqua), Indoor MicroCable (Aqua), CPR Cca, Xm	A4UD12FPAX-08HB-MX

Change X in part number and description to denote required cable length in meters