

MPO Base12 Cassettes - Single Mode



CSD's single mode MPO cassettes provide the interconnection between an MPO trunk cable and LC duplex patch cable. Up to 12 high-density cassettes, or 144 fibers, can be easily integrated into a 1RU Base12 panel. Each cassette features 6 LC duplex adapter ports on the front side for patch cable connections, and a single 12f MPO adapter port on rear for trunk cable connections. CSD's OS2 9/125 μm fiber design offers better performance over longer distances, and low water peak fiber construction helps reduce wavelength attenuation and dispersion over the E band spectrum. Unique duplex shutters ensure the end faces of connectors are never compromised with unwanted dust.

CSD's single mode Base12 cassettes are offered in our TIA 568.3-D Method A compliant design. Method A solutions utilize the same Type A cassette on each link end, and manage polarity with A-A and A-B patch cords.

Features & Benefits

- Quickly couples trunk and patch cable interconnections
- Modular and scalable cassette solution
- Low-loss duplex LC and MPO ports
- All-front access to patch connections
- High performance, bend-insensitive fiber
- Shuttered LC ports for dust protection
- Optimized for tool-less cable terminations
- Supports duplex/parallel migration

Applications

- High-density architectures
- Data centers
- Storage area networks
- High-speed computing

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Specifications

General	
Fiber Count/Port Count	12/6
Front Adapter Type	Shuttered LC
Front Adapter Color	Blue (UPC). Green (APC)
Rear Adapter Type	Type A: TIA/EIA 604-5 MPO, opposed key
Rear Adapter Color	Type A, opposed key, black
Polarity	TIA 568.3-D Type A
MPO Configuration	Internal MPO connector is unpinned.

Optical Performance	
Standard Loss	1.00dB (OS2)
Low Loss	0.60dB (OS2)

Ordering Information

Description	Part Number
Base12 Cassettes	
12F, OS2 Bend insensitive, Type A standard, blue UPC	CST-12A1AMFSXLCSL
12F, OS2 Bend insensitive, Type A low loss, blue UPC	CST-12A1AMFSXLCLL
12F, OS2 Bend insensitive, Type A standard, green APC	CST-12A1AMFSXLASL
12F, OS2 Bend insensitive, Type A low loss, green APC	CST-12A1AMFSXLALL

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