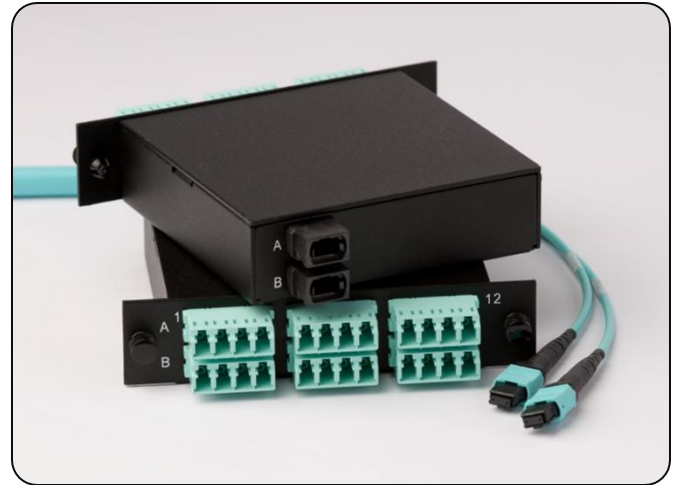


MPO Cassettes

Amphenol's MPO Cassettes provide a seamless connection between MPO backbone cables and SC or small form factor LC patching in the network environment. This pre-terminated modular system is easily deployed and simplifies future expansions and modifications. In one cassette option, the MPO adapter is uniquely positioned at the back of the cassette with a downward angle to provide a more optimal orientation for routing. MPO Cassettes are ideally suited for data centers, enterprise, and datacom networks.



Features/ Benefits

- LC or SC front panel interface (other connector options also available)
- Available with flat or angled rear panel configuration
- 12 or 24 fiber options available
- OS1/OS2, OM1, OM2, OM3, OM4 options
- Polarity A , B, or C available
- Factory terminated and 100% tested
- Compatible with Amphenol Fiber Management Systems and other similar footprints
- Cassette modularity provides quick and easy installation and makes future moves, adds, and changes simple
- Factory terminated and tested module ensures high quality performance and reliability
- Can be customized for particular applications

Common Specifications

Total Insertion Loss:

Multimode: <0.5dB Typical
≤1.0dB Max

Singlemode: <0.5dB Typical
≤1.0dB Max

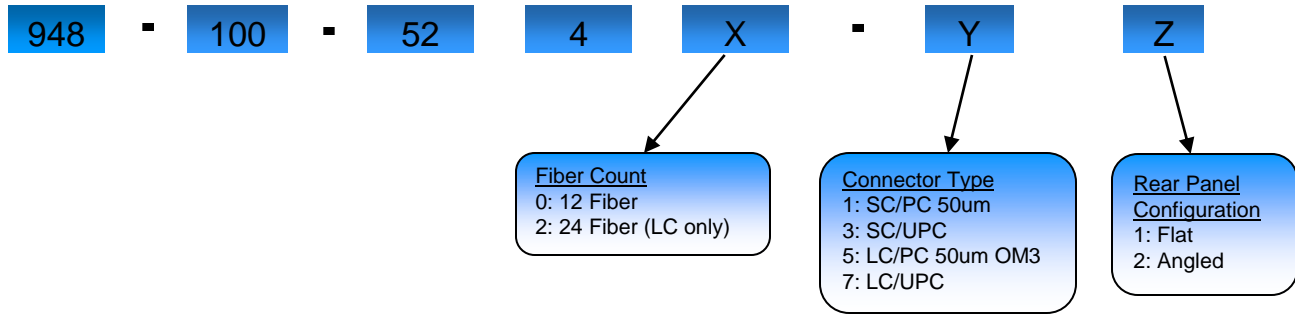
Return Loss:

Multimode: N/A
Singlemode: ≤ -55dB
APC: ≤ -65dB

Industry Standards Compliance:

Applicable TIA/EIA and IEC standards, Directive 2002/95/EC (RoHS)

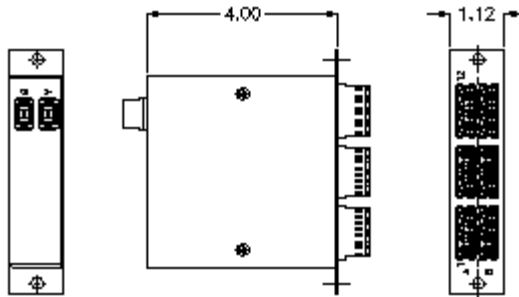
MPO Cassette Part Numbers*



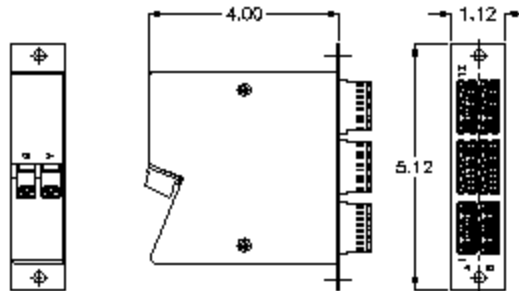
Example part number

948-100-5242-52: Module, MPO(M)-LC/PC, 24 Fiber, 50um OM3, Angled Rear Panel Configuration

*Contact Amphenol for availability of configuration and custom options



Module, MPO(M)-LC/PC, 2x12 Fiber, Flat Rear Panel Configuration



Module, MPO(M)-LC/PC, 2x12 Fiber, Angled Rear Panel Configuration