

MPO&MTP Cassette Specification



Introduction

MPO&MTP Cassettes are designed for Data Center Solutions supporting the topologies as specified in the Data Center Standards EN50173-5 and ISO/IEC24764. MPO&MTP cassettes connected with MPO Trunk or MPO Patch cables provide the possibility to make cross-connections or inter-connections to end equipment. MPO&MTP Cassettes are available in options: MPO-LC(12 or 24 fiber), These cassettes are available in OS2, OM3 & OM4 and polarity options are available in straight and pair flipped wire map.

Application:

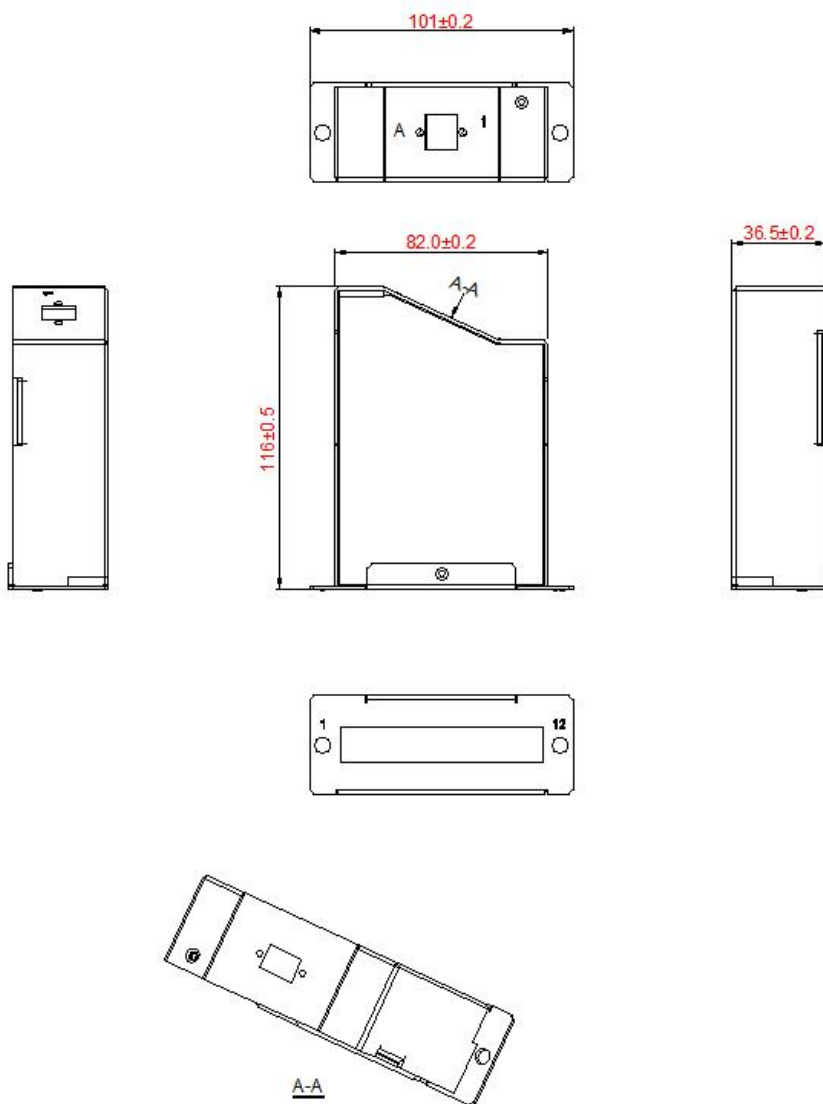
- ★. Telecommunications subscriber loop
- ★. Fiber to the home (FTTH)
- ★. LAN/WAN
- ★. CATV
- ★. Other applications in fiber optic systems

Features:

- ❖ Standard size, light weight and reasonable structure.
- ❖ Compact design for space saving.
- ❖ Front mark on the plate is easy for identification and operation.
- ❖ Easy for management and operation.
- ❖ Supports 40G and 100G network applications.
- ❖ High reliability.
- ❖ Excellent environmental stability.

Mechanical and environmental characteristics:

Projects	Parameter
Operating temperature	-25°C~+70°C
Storage temperature	-25°C~+70°C
Relative humidity	≤85%(+30°C)
Color	Black
Max. Capacity	12 or 24 port (LC)
Dimension(LxWxH)	116mmx 101mmx36.5mm

Dimension:

Environmental Properties

Performance Level		Standard		Elite	
Connector	Cable	IL(max)	RL(max)	IL(max)	RL(max)
MPO/MTP	OM4	≅ 0.70dB	≅ 20dB	≅ 0.35dB	≅ 20dB
LC		≅ 0.20dB	≅ 30dB	≅ 0.10dB	≅ 30dB