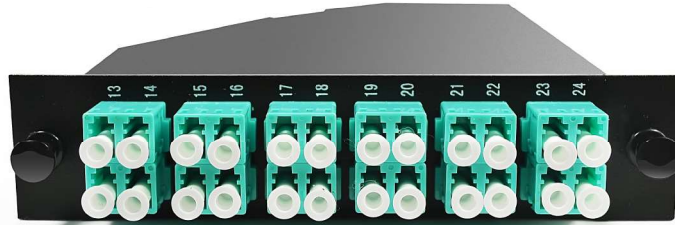# MPO&MTP Cassette Specification

Introduction

MPO&MTP Cassettes are designed for Data Center Solutions supporting the to pologies 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 (24 fiber), These cassettes are availablein OS2,OM3& OM4 and polarity options are available instraight and pair flipped wire map.

Application:

★. Telecommunications subscriber loop

★. Fiber to the home (FTTH)

★. LAN/WAN
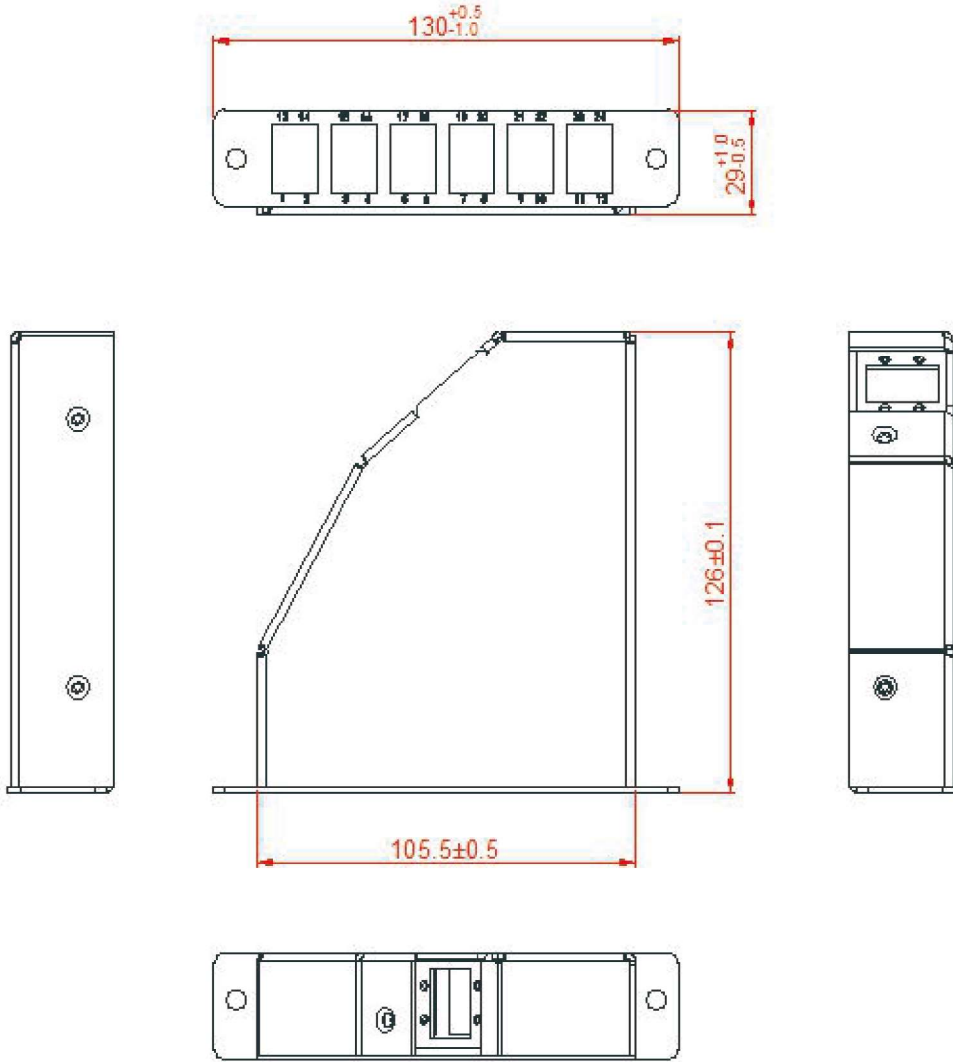
★. CATV

★.Other applictaions 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℃~+70℃
Storage temperature	-25℃~+70℃
Relative humidity	≤85％(+30℃)
Color	Black
Max. Capacity	24 port (LC)
Dimension(LxWxH)	126 mm x 130mm x29mm

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