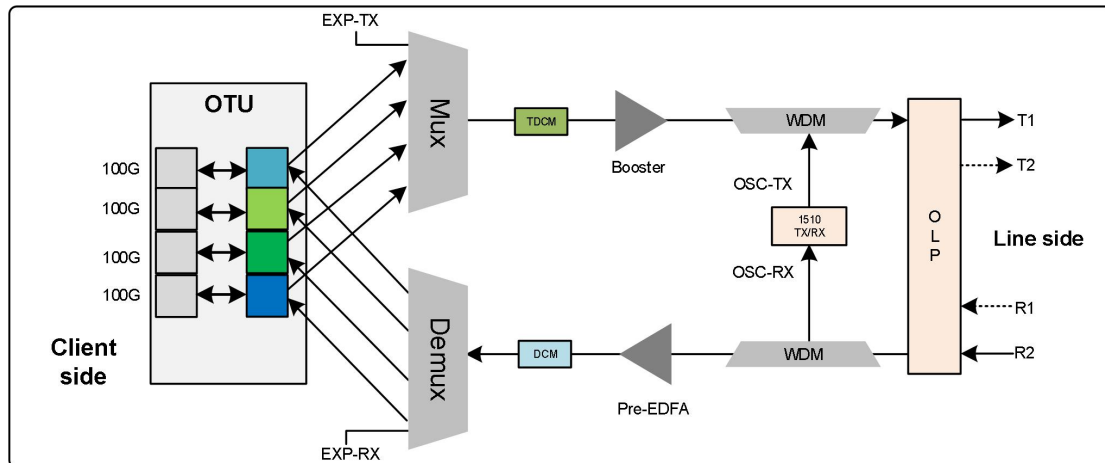


## G-1500P Box Type DWDM System



### ■ Product Description

**G-BOX1500P 1U Box** Type DWDM System is an integrated WDM transmission platform, which meets the application scenarios of 8\*100G service 0~120KM point-to-point transmission without middle repeater stations, adopts **50G PAM4 DWDM** transmission technology, supports automatic adjustment of line side dispersion, OLP protection, out-of-band OSC management and stack expansion; the appearance conforms to the network switch form, suitable for customers in the data industry, reducing the difficulty of system fiber connection, and facilitating service opening and daily maintenance.



### ■ Product Characteristics

- Support 8\*100GE/OTU4 service access;
- Support dual / single fiber core transmission;
- Support automatic adjustment of dispersion;
- Support 1+1 OLP protection of line side;
- Support 0~120KM point-to-point transmission without middle repeater stations;

- **Support stack expansion > 1.6T;**
- **Support out-of-band OSC management;**
- **Support Web/SNMP/CLI management;**

■ **Performance Parameter**

Parameter		Unit	Performance Index
Optical Fiber Type			G.652 (SMF-28)
Service Access Type			100GE/OTU4
Transmission Capacity		Gpbs	8*100G
Link Power Margin (point-to-point without middle repeater station)		dB	≤23dB (with BA+PA optical amplifiers)
Sourroundings Parameter	Working Temperature	℃	-10~ 60℃
	Storage Temperature	℃	-40℃~ 85℃
	Relative Moisture		5% ~ 95% (no condensation)
Size	1U	mm	486W×492D×44.5H( including mounting ears and infront & rear pull tabs)
Power Supply	AC	V	100~240,50~60hz
Power Consumption	1U	W	<350 (Max)