FW-8800

4X400G DCI BOX 1U

4x100G QSFP28 To 400G CFP2，Maximum of 4x400G, 1.6Tbps electrical layer processing capacity

400G DCI-BOX FW-8800 is a high-rate WDM transmission product develop by FIBERWDM.

One service card of 400G DCI Box support 4x100G(QSFP28) for clients side, and 1x400G(CFP2) for line side. With 4 slots in 1U rack mount ,the DCI-Box max support 4x 400G transponder board, total capacity 1.6Tbps . The Device is mainly used in data center DCI interconnection and metro access and aggregation. And provide users with optical transmission solutions with different capacities, different transmission distances, and intelligent service applications.

Product picture:

DCI BOX front panel 1U

DCI BOX back panel 1U

Product Features:

◆ Max support 16x100G for client side, 8x200G or 4x400G for line side in transmission. Total max is 1.6Tbps(3.2Tbps on bidirectional) in 1U device.

◆ Achieve higher transfer capacity through device stacking . Maximum up to 19.2Tbps (200G*96ch@50GHz) or 25.6Tbps (400G*64 75GHz or 400G*48 100GHz)

◆ 1U chassis modular design, single board adopts hot-swappable design, supports smooth upgrade, and can flexibly expand or delete services according to needs.

◆ Dual power supply , compatible with AC or DC power supply DC-48V.

◆ Complete network management protocol: supports WEB, SNMP, CLI, TLI and other network management interfaces.

◆ Support dual network management cards, 1+1 network function

Product parameters

Parameter		Describe
Maximum capacity of a device		8X 200G/ 4X400G 1.6Tbps
Line side modulation mode		DP-QPSK@100G DP-16QAM@200G; DP-8QAM@200G; DP-QPSK@200G DP-16QAM@400G
Line side protocol		SD-FEC/OpenROADM/OpenZR+
Service access type		100GE、100GE KR4、OTU4、FlexE、OTUCn
Standard network management function		Support alarm real-time and historical query; support real-time monitoring of performance, real-time monitoring of coherent optical performance parameters and OSNR, adjustable VOA optical power, 100G_200G_400G multi-service access and free switching, automatic laser shutdown function (ALS), arbitrary channel spacing. Adjustable technology, up to 96 waves (@100G, @200G 50GHz) or 64 waves (@400G 75GHz), etc.
Enhanced optional features		Support 1000+ alarm real-time and historical query; support 1000+ performance real-time monitoring and 15-minute and 24-hour performance statistics function, Ethernet RMON statistics function, support LLDP monitoring function, support DM delay test function, support PRBS bit error test function
Physical Network Topology		chain, star, ring
Network management method		SNMP、CLI、WEB、SDN、NMS
Environmental requirements	Operating temperature	-5℃~45℃
	Storage temperature	-40℃~85℃
	Relative humidity	5%~95% non-condensing
Size		446(W)x46(H)x538(D) (mm)
Power requirements (nominal)		220V/AC, 50Hz; -48V/DC and 280VHVDC power supply (optional)
Power consumption		<800W