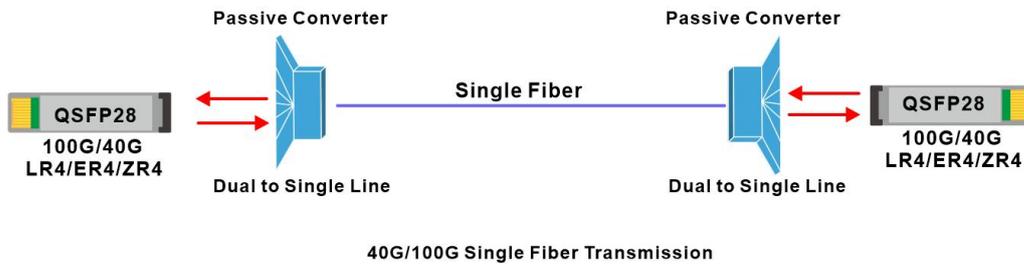


100G LR ER ZR Dual fiber to Single fiber Converter

With the increase of 100G data transmission with large bandwidth, optical fiber resources between data centers are becoming less and less. How to reuse existing optical fibers can save considerable costs for enterprises. FIBERWDM provides 100G dual-port to single-port converter for bidirectional transmission of 100GLR4/ER4 optical modules over one core fiber, enabling multiple 100G services using the existing dual-core fiber.



Dual fiber 100G transceiver in single fiber transmission application:



Product Panel



100G Dual fiber to single fiber Converter

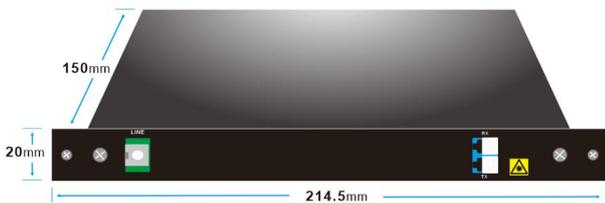
- ◆ Supports 40G/100G LR4, ER4, ZR4, dual fiber to single fiber
- ◆ Operation wave 1310nm
- ◆ TX/RX Port: LC Connector; Line Port SC/APC
- ◆ Passive device, Low Insertion Loss

Specifications

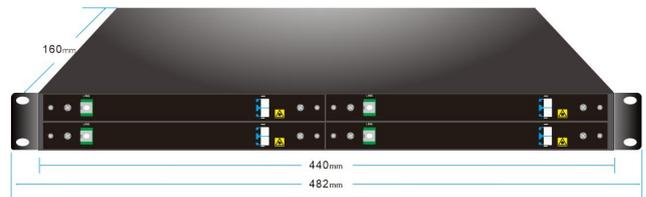
Wavelength	1310nm	Rate	40G/100G
Insertion Loss	≤ 1dB	Technology	TFF (Thin Film Filter)
Insertion Loss	≤ 2.7dB	Isolation	≥35dB

Polarization Dependent Loss	≤ 0.1ps	Return Loss	≥ 45dB
TDL (dB)	≤0.15dB	PMD (ps)	≤0.055nm
Return Loss	≥ 45dB	Directivity	≥ 45dB
Power handling	≤500mW	Fiber Type	SMF-28e
Connector	LC/UPC, SC/APC	Temperature	Operating -40 to 85°C Storage -40 to 85°C
Net Weight	LGX BOX :0.5KG 4Slot 1u Rack: 2.5KG	Dimensions (HxWxD)	LGX BOX 214.5*150*20mm 4Slot 1u Rack 44*440*160mm

Package Information



Plug-in LGX Box



4-Slot 1U Rack for LGX BOX

Order Information

Product No.	Product description
100G-LGX04-D-S	100G LR ER ZR Dual fiber to Single fiber Converter, TX/RX port LC/UPC, Line Port SC/APC Plug-in LGX Module
1U02-4LGX	19" inch 1U rack with 4 slot for Plug-in LGX box, 440*160*44mm

Note: We Support Customized Design, please contact us by email.