

Mini Dual fiber to Single fiber Bidi Adapter

The Bidi QSFP Adapter is a small and passive device that doesn't need any special configuration or a separate power source. It easily clips onto existing transceivers like QSFP28, QSFP-DD, QSFP+, or CFP-2 that have LC connectors. The adapter works at a wavelength of 1300nm and can handle traffic at various speeds, including 25G, 40G, 100G, 200G, and 400G.

Unlike traditional QSFP28 - BiDi transceivers that need different types (A and B) for each end of the fiber, the BiDi QSFP adapter is a simpler solution. It's called a "bookend solution" because you can use the same adapter on both ends of the fiber. This makes it easier to order, keep track of inventory, and install.

Specification

<i>Parameters</i>	<i>Min</i>	<i>Typical</i>	<i>Max</i>	<i>Unit</i>
<i>Operating wavelength</i>	1270	1310	1350	nm
<i>Insertion Loss</i>		1.2	1.8	dB
<i>Wavelength Dependent Loss</i>			0.25	
<i>Polarization Dependent Loss</i>		0.1	0.2	dB
<i>Isolation</i>	30			
<i>Directivity</i>		50		dB
<i>Polarization Mode Dispersion</i>		0.05	0.1	ps
<i>Return Loss</i>	45	50		dB

OPERATION/ STORAGE TEMPERATURE/ HUMIDITY

<i>Parameters</i>	<i>Specification</i>	<i>Unit</i>
<i>Operation Temperature</i>	-5~+65	°C
<i>Storage Temperature</i>	-40~+85	°C
<i>Operation Humidity</i>	5~95	%RH
<i>Storage Humidity</i>	5~95	%RH

Dimension

Parameter	Type	Units
Length	40	mm
Width	14	mm
Height	7	mm

