

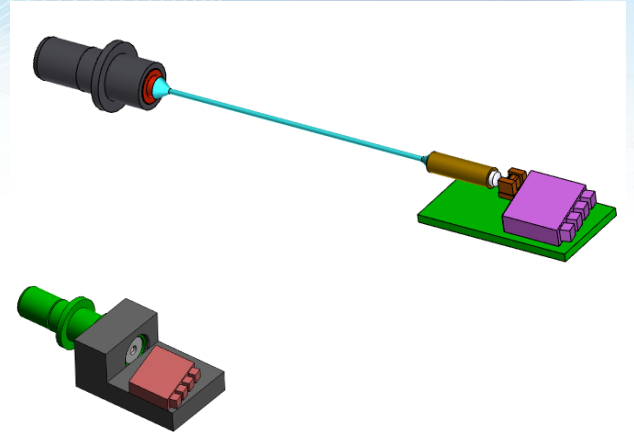
MUX Assembly

Features

- High integration assembly
- High optical parallel and position
- High reliability

Applications

- 100G/200G/400G+ optical transceiver
- Datacenter



Main Specifications

Parameter		Min	Typical	Max	Unit
Typical Size			Customization		mm
Optical Line Pitch		0.5	1.2	3.0	mm
Wavelength Range		1260		1340	nm
Pass Band	Lane 0	1264.5	1271	1277.5	nm
	Lane 1	1284.5	1291	1297.5	nm
	Lane 2	1304.5	1311	1317.5	nm
	Lane 3	1324.5	1331	1337.5	nm
Pass Band Insertion Loss				1.0	dB
Pass Band Flatness				0.5	dB
Adjacent Channel Isolation		20			dB
Non-Adjacent Channel Isolation		35			dB
Positional accuracy		-50		50	um
Pitch accuracy		-50		50	um
Fiber type			350		um
Effective Aperture			Φ1.0		mm
Parallel of All Beams				0.2	°
Optical Surface Scratch/Dig			40/20		
Edge Chipping	Filter			0.1	mm
	Other			0.2	mm
Corner Chipping	Filter			0.15	mm
	Other			0.3	mm

Storage Temperature	-40	25	90	°C
Operating Temperature	-5	45	80	°C

Order Information

The above specifications represent the typical performance of an O-Net MUX Assembly.

Please contact our Sales to discuss your specific requirements.