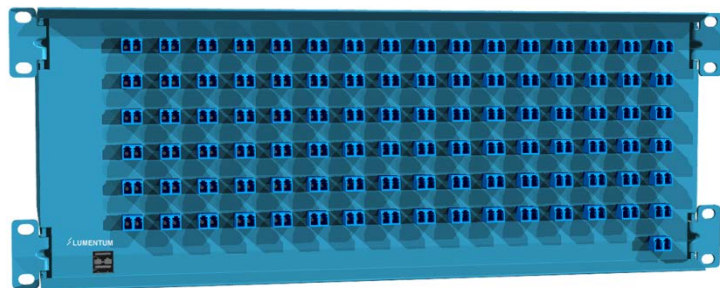


New Mux/Demux
Whitebox



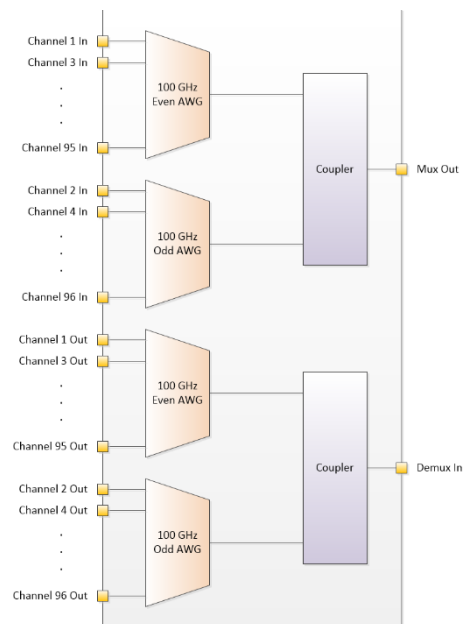
The passive Mux/Demux Whitebox provides an efficient entry/exit point for network channels.

The optical design of the new Mux/Demux Whitebox has been optimized for coherent transmission equipment, reducing cost and providing the largest possible bandwidth to support future modulation formats.

Entirely passive, the Mux/Demux Whitebox requires no external power or management connections.

Inventory data for the device is visible through its associated terminal amplifier.

Mux/Demux Schematic



Compliance

- CAN/CSA-C22.2 No. 950-95
- RoHS 6/6

Specifications

Chassis Features

Parameter	Specification	
Maximum Dimensions (H x W x D)	7 (4RU) x 17.4 x 23.6 in	17.78 x 44.19 x 60cm
Device Type	Passive Optics	
Power Consumption	0W	
Cooling	Convection	
Management Connectivity	USB to Terminal Amplifier	
Data Storage	Flash device containing inventory and optical calibration data, accessible via connected Terminal Amplifier	

Optical Specifications

Parameter	Specification		
	Minimum	Typical	Maximum
Channels	Up to 96		
Channel Plan (50GHz grid)	191.35		196.1THz
Bandwidth (at 3dB point)	+/-32.5GHz		
Insertion Loss		8dB	9.5dB
Insertion Loss Uniformity			1.7dB

Lumentum Mux/Demux Whitebox
Environmental

Parameter	Specification	
	Minimum	Maximum
Storage temperature	-40°C (-40°F)	85°C (185°F)
Operating ambient temperature	0°C (32°F)	40°C (104°F)
Relative humidity	5%	95%

Ordering

To order the Lumentum Mux/Demux Whitebox, or other Lumentum products, please contact Lumentum Customer Support, using the contact information on the back page of this datasheet.



North America
Toll Free: 844 810 LITE (5483)

Outside North America
Toll Free: 800 000 LITE (5483)

China
Toll Free: 400 120 LITE (5483)

© 2015 Lumentum Operations LLC

Product specifications and descriptions in this document are subject to change without notice.

Note: The appearance and placement of ports on the final product may not match those of the product image shown on the first page of this document.