

# L-band Multiplexer

## 850 - 2150 MHz

850-2150 MHz  
Operating frequency  
range. L-Band ready



**Compact**

Housed in rugged compact enclosure

**Flexible Mounting**

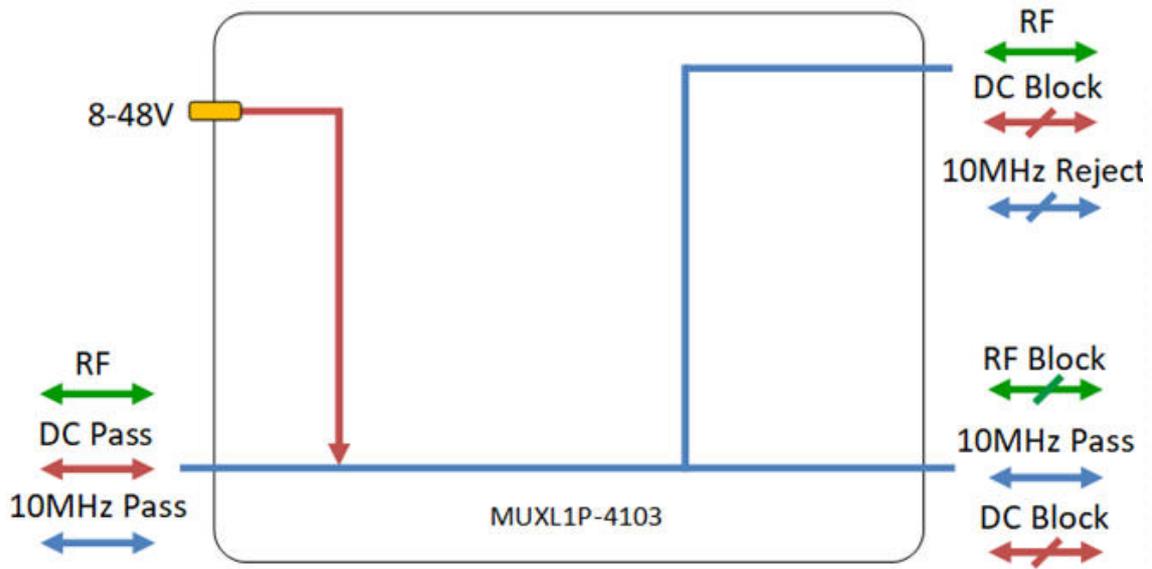
Tapped screw & through hole mounting options

RF Parameters					
Model Variation		S5S5S5	N5N5N5	B5B5B5	B7B7B7
Frequency Range		850 - 2150 MHz			
RF Connectors		50Ω SMA	50Ω N-Type	75Ω BNC	75Ω F-Type
Common Port:		-			
Mean Insertion Loss (dB)		≤0.4			≤0.6
Flatness (dB)		± 0.35		± 0.4	± 0.5
Return Loss (dB)	Typical	20	18	16	12
	Minimum	15	14	12	8
L-Band Port:		-			
Return Loss (dB)	Typical	20	18	16	12
	Minimum	15	14	12	8
10MHz:		-			
Mean Insertion Loss (dB)	Typical	0.3	0.4	0.5	0.5
	Minimum	0.8	0.8	0.8	1.0
Max Operating Parameters					
Input RF Power		+21 dBm (125mW)			
DC Voltage		50V on any RF port			
Physical & Environmental					
Operating Temperature		0°C to +45°C			
Storage Temperature		-20°C to +75°C			
Location		Indoor use only			
Humidity		85% non-condensing (maximum)			
Altitude		10,000ft (maximum)			

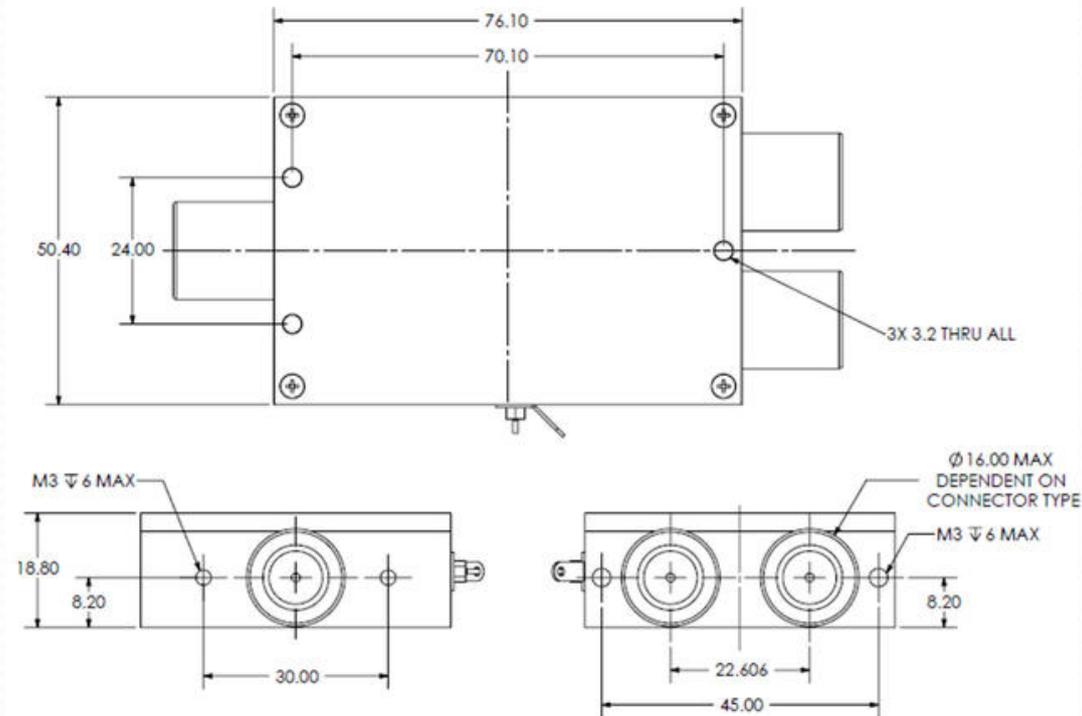
Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

Diagram



Physical Dimensions (mm)



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