

L-band Multiplexer

850 - 2150 MHz

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



Compact
Housed in rugged compact
enclosure

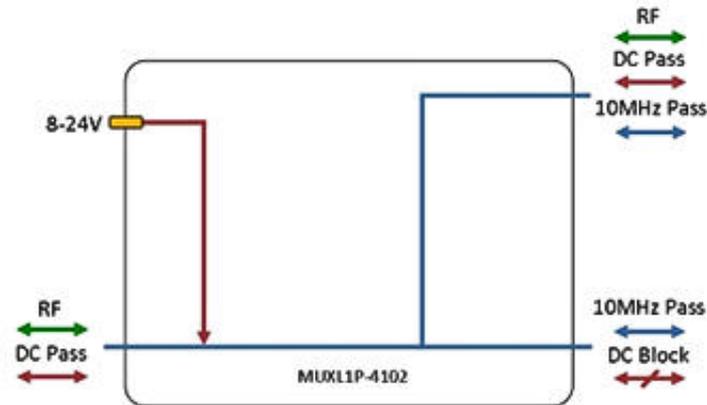
Flexible Mounting
Tapped screw & through
hole mounting options

RF Parameters			
Model Variation	S5S5S5	N5N5N5	B7B7B7
Frequency Range	850 - 2150 MHz		
RF Connectors	50Ω SMA	50Ω N-Type	75Ω BNC
Common Port:	-		
Mean Insertion Loss (dB)	≤0.4		≤1
Flatness (dB)	± 0.15		± 0.2
Return Loss (dB)	20	18	12
	15	14	8
L-band Port:	-		
Return Loss (dB)	20	18	12
	15	14	8
10MHz:	-		
Mean Insertion Loss (dB)	≤0.3		≤0.5
Isolation (dB)	Typical	20	
Max Operating Parameters			
Input RF Power	5W (total RF power)		
DC Voltage	28V		
Physical & Environmental			
Operating Temperature	0°C to +45°C		
Storage Temperature	-20°C to +85°C		
Location	Indoor use only		
Humidity	85% non-condensing (maximum)		
Altitude	10,000ft (maximum)		

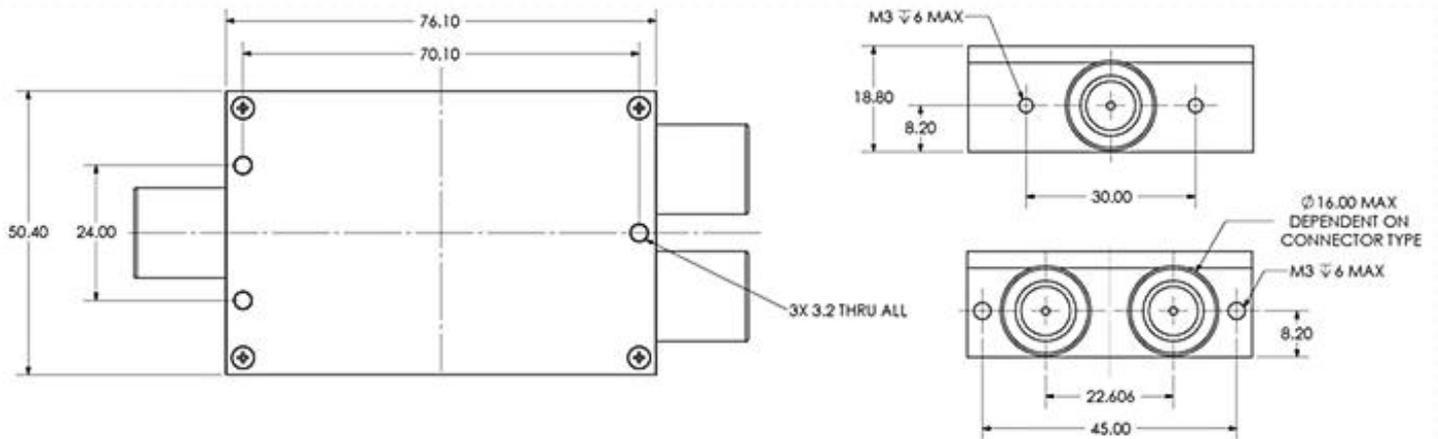
Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

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

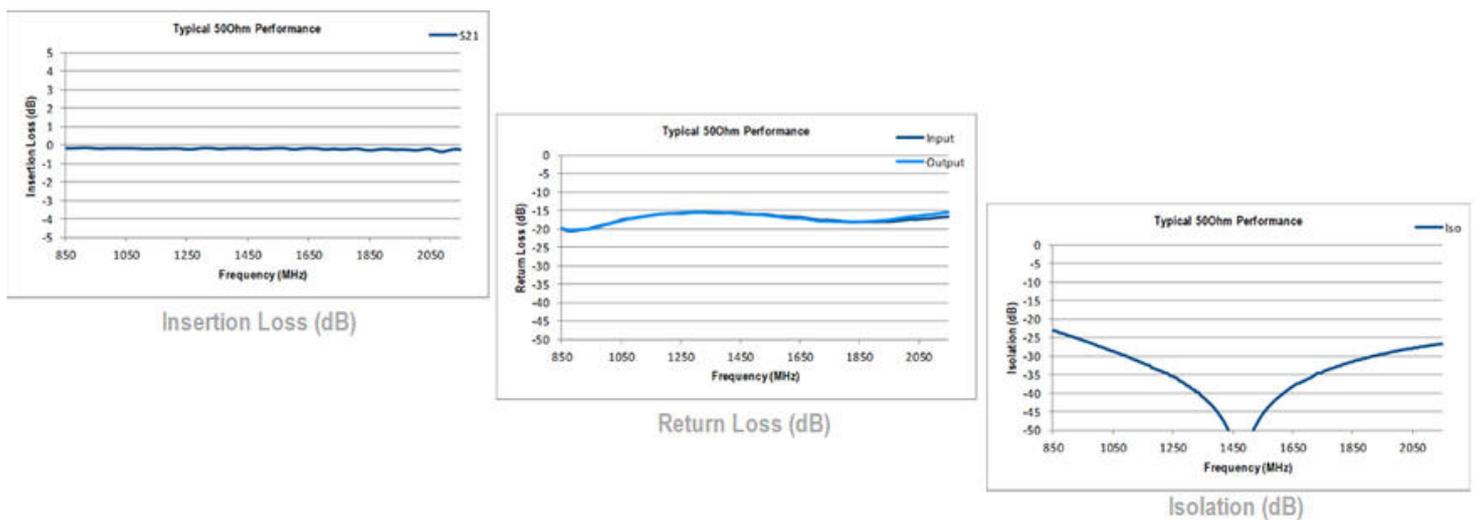
Diagram



Physical Dimensions (mm)



Test Plots



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