

L-band Multiplexer

850 - 2150 MHz

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



Compact
Housed in rugged compact
enclosure

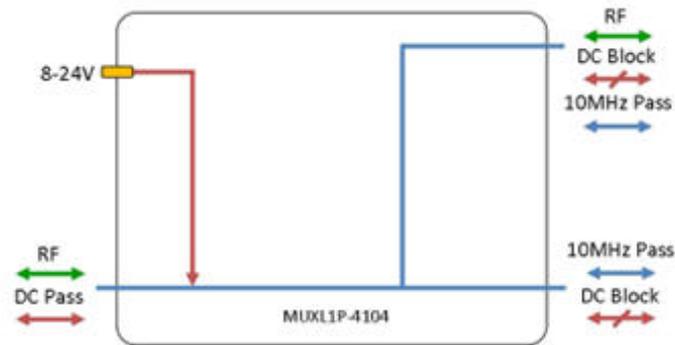
Flexible Mounting
Tapped screw & through
hole mounting options

RF Parameters	
Model Variation	N5N5N5
Frequency Range	850 - 2150 MHz
RF Connectors	50Ω N-Type
Common Port:	
Mean Insertion Loss (dB)	≤0.4
Flatness (dB)	0.2
Return Loss (dB)	18
	14
L-band Port:	
Return Loss (dB)	18
	14
10MHz:	
Mean Insertion Loss (dB)	≤0.4
Isolation (dB)	20
Max Operating Parameters	
Input RF Power	5W Max total RF power
DC Voltage	24V Max
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)

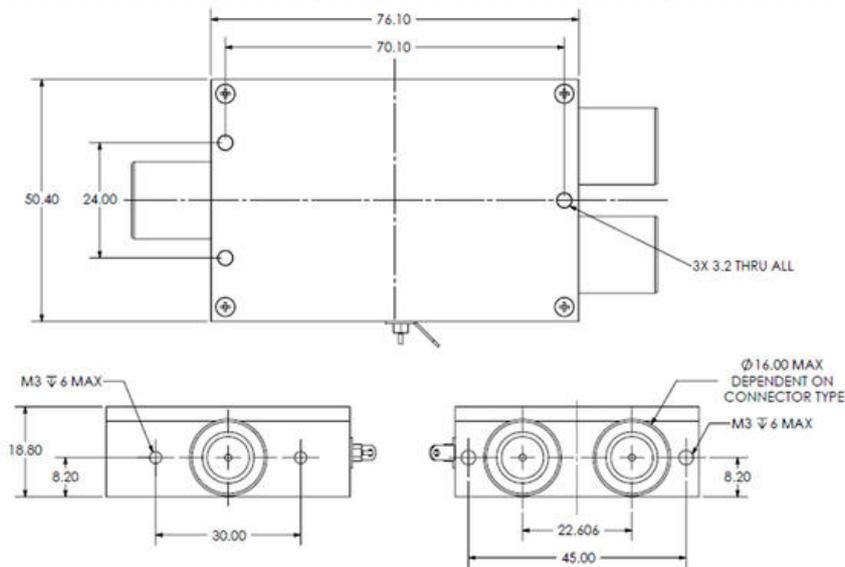
Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

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

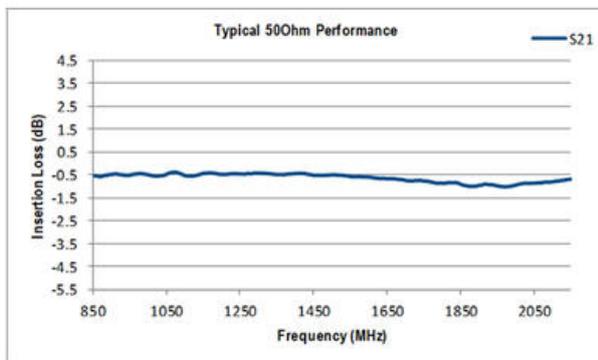
Diagram



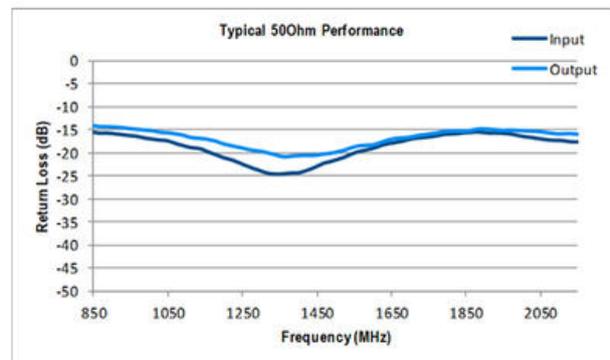
Physical Dimensions (mm)



Test Plots



Insertion Loss (dB)



Return Loss (dB)

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