

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
Frequency Range		850 - 2150 MHz	
RF Connectors		50Ω SMA	50Ω N-Type
Common Port:			
Mean Insertion Loss (dB)		± 0.35	
Return Loss (dB)	Typical	20	18
	Minimum	15	14
L-Band Port:			
Return Loss (dB)	Typical	20	18
	Minimum	15	14
10MHz:			
Mean Insertion Loss (dB)	Typical	0.3	0.4
	Minimum	0.8	0.8

Max Operating Parameters

Input RF Power	+21 dBm (125mW)
DC Voltage	50V on any RF port
DC Current	500mA
DC Consumption	N/A

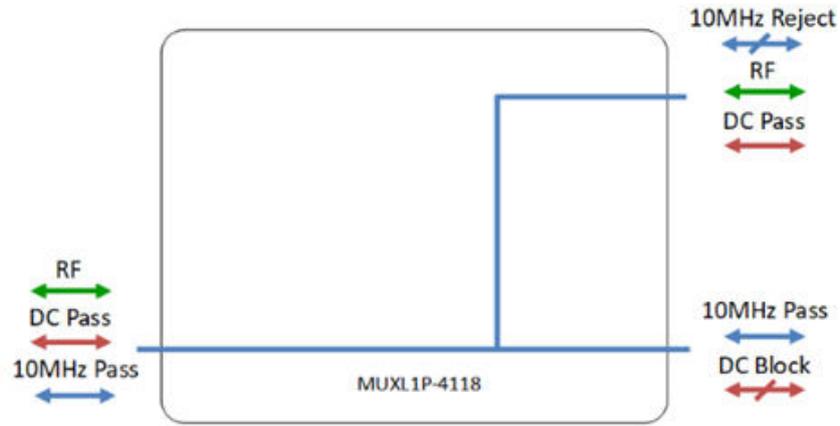
Physical & Environmental

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)

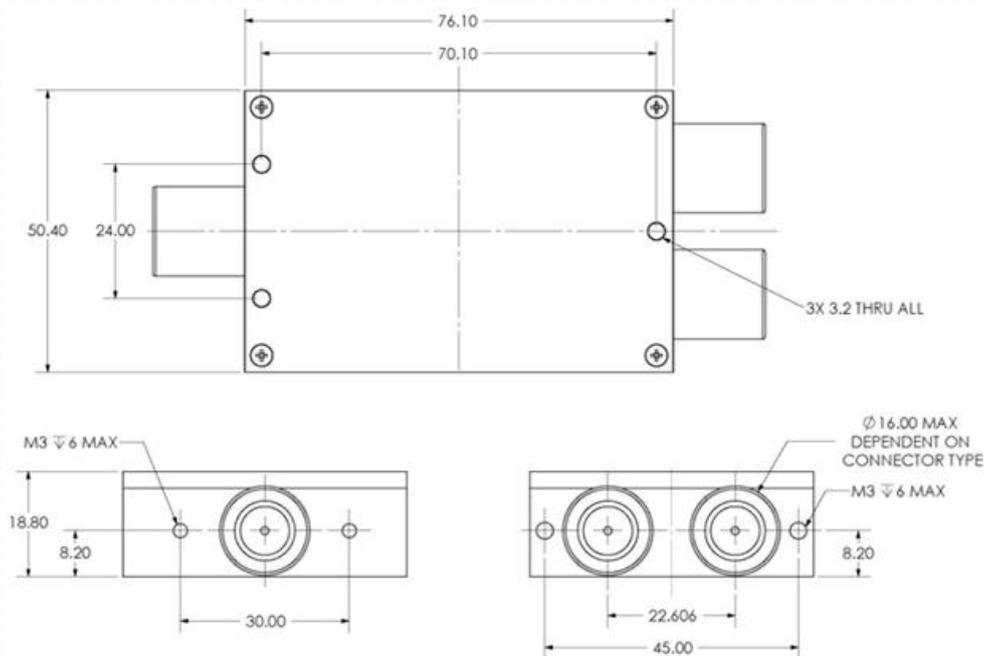
Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.

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

Diagram



Physical Dimensions (mm)



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