

4-Way Passive L-Band Splitter/Combiner

850 - 2150 MHz

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Operating frequency range.
L-Band ready



Compact

Housed in rugged
compact enclosure

Flexible Mounting

Tapped screw & through
hole mounting options

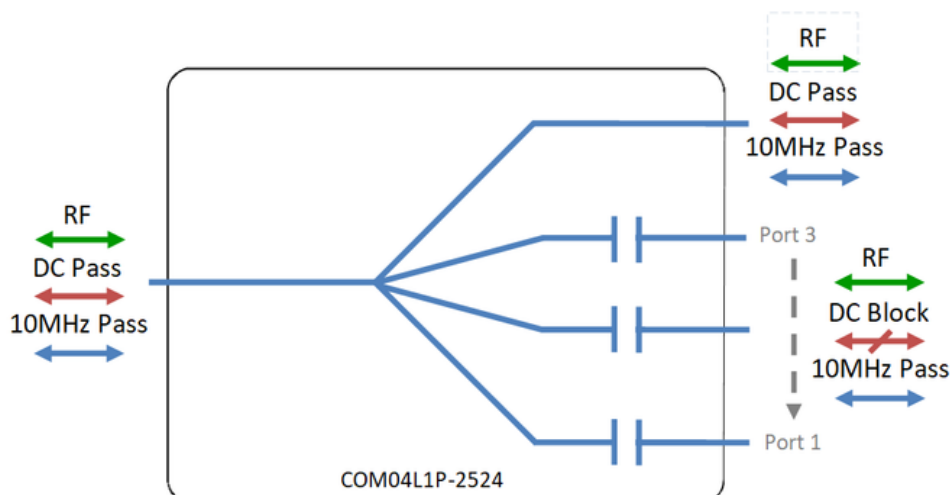
- Port 4 to common port DC pass
- All other ports DC blocked
- All ports 10 MHz pass.

RF Parameters						
COM04L1P-2524-XXXX		S5S5	N5N5	B5B5	B7B7	F7F7
Frequency Range		850 - 2150 MHz				
RF Connectors		50Ω SMA	50Ω N-Type	50Ω BNC	75Ω BNC	75Ω F-Type
Mean Insertion Loss (dB)		0.6 ± 0.3	0.6 ± 0.3	0.6 ± 0.3	0.6 ± 0.3	0.6 ± 0.3
Flatness ± (dB)		0.5	0.5	0.5	0.5	0.5
Input Return Loss (dB)	Typ.	20	20	20	20	20
	Min.	16	16	16	16	16
Output Return Loss (dB)	Typ.	20	20	20	23	23
	Min.	16	16	16	16	16
Isolation (dB)	Typ.	28	28	28	28	28
	Min.	20	20	20	20	20
Amplitude Balance (dB)		≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider 10MHz Insertion Loss is up to 3dB above the theoretical loss* 10MHz Rejection is 40dB* *To ports which are applicable						

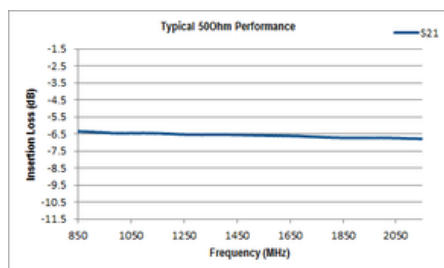
Environmental			Max Operating Parameters	
Operating Temperature		0°C to +45°C	Input RF Power into matched load with 20dB return loss	
Storage Temperature		-20°C to +75°C		
Location		Indoor use Only	DC Voltage	
Humidity		Max 85% non-condensing	DC Consumption	
Altitude		Max 10,000 feet	DC Current	
			Max	500mA

Operation beyond these limits may cause instantaneous and permanent damage.

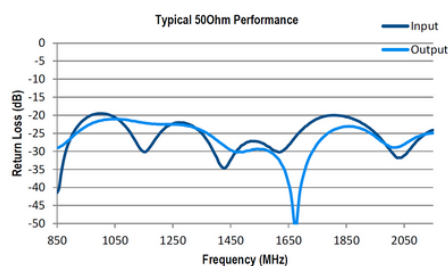
Diagram



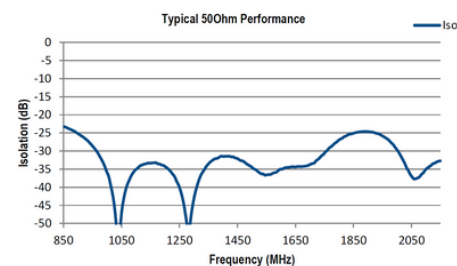
Technical specifications and operating parameters



INSERTION LOSS

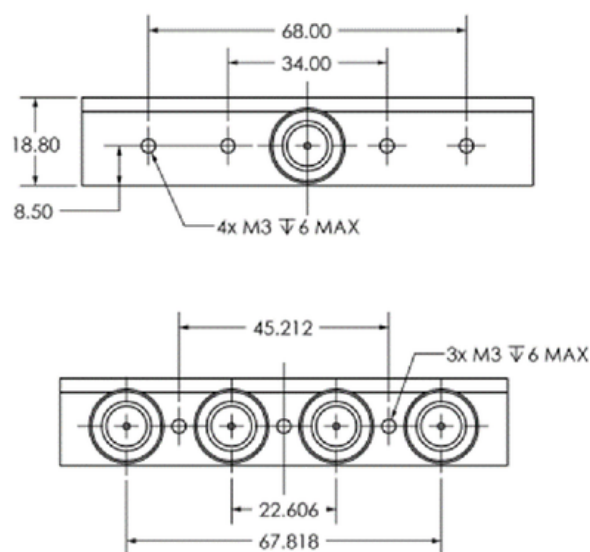
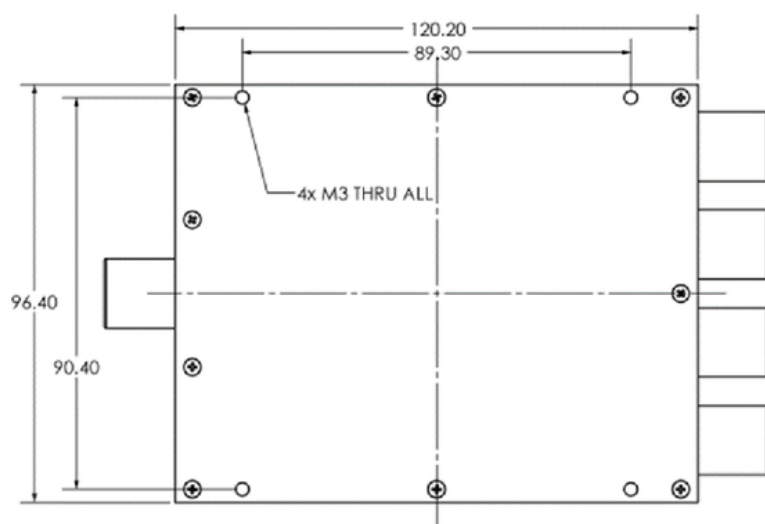


RETURN LOSS



ISOLATION

Physical Dimensions (mm)



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