

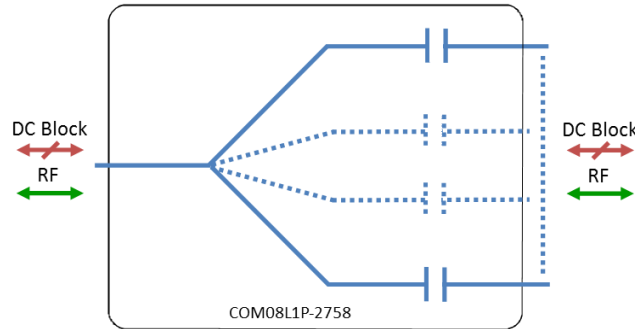


Model Number:
COM08L1P-2758

RF Components

8-Way L-Band Passive GPS Splitter/Combiner

1000 - 2000 MHz



- All ports DC blocked with 200Ω internal load

Available with RF connector options:

- 50 Ω SMA



Compact
Housed in rugged compact enclosure

1000 - 2000 MHz
Operating frequency range.

RF Parameters		
COM08L1P-2758		S5S5
Frequency Range		1000 - 2000 MHz
RF Connectors		50Ω SMA
Mean Insertion Loss (dB)		0.6±0.4
Flatness ± (dB)		0.3
Input Return Loss (dB)	Typ.	16
	Min	14
Output Return Loss (dB)	Typ.	22
	Min	20
Isolation (dB)	Typ.	22
Amplitude Balance (dB)		≤ 0.5
Phase Balance (Φ)		≤ 5°
<p>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 20dB*</p>		

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport





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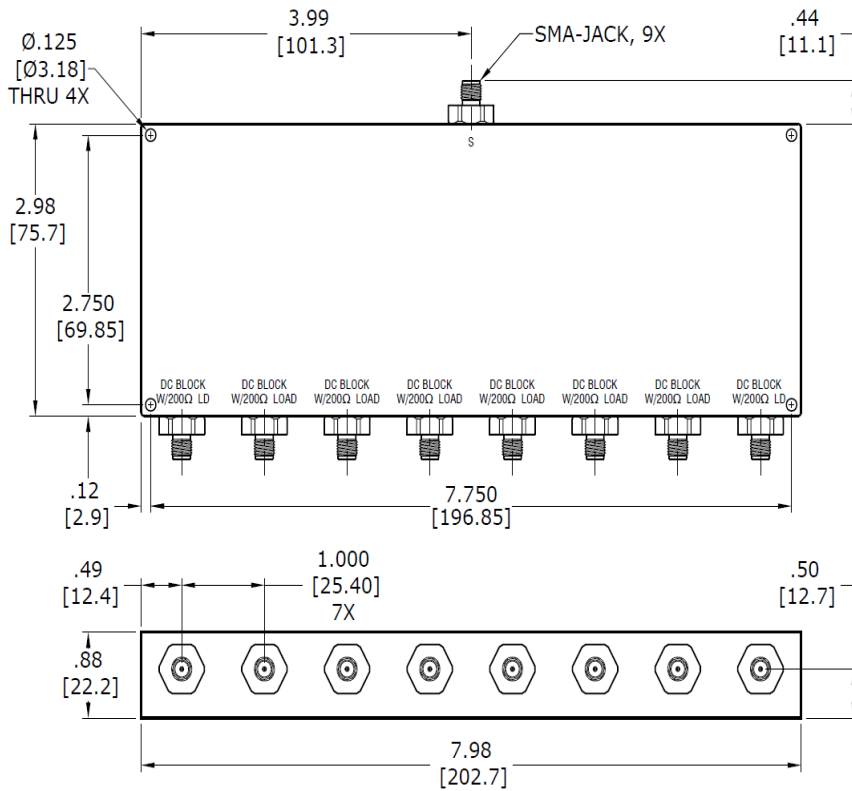
Technical specifications and operating parameters

Environmental		
Operating Temperature		-65° C to +85° C
Storage Temperature		-65° C to +85° C
Location		Indoor use Only
Humidity	Max	85% non-condensing
Altitude	Max	10,000 feet

Max Operating Parameters	
Input RF Power into matched load with 20 dB return loss	+43 dBm (20W) as splitter +27 dBm (0.5W) as combiner
DC Voltage	10V
DC Current	50mA
DC Consumption	N/A

! Operation beyond these limits may cause instantaneous and permanent damage.

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.

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