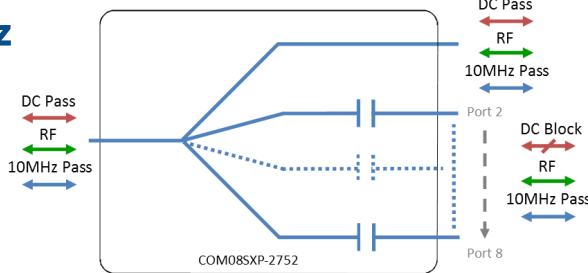




RF Components

8-Way Passive Splitter/Combiner

700 - 2700 MHz



Model Number:
COM08SXP-2752

- Port 1 DC & 10MHz pass
- All other ports DC blocked 10MHz pass

Available with RF connector options:

- 50 Ω SMA
- 50 Ω N-type



Compact

Housed in rugged compact enclosure



700 - 2700 MHz
Operating frequency range. S-Band ready

Passive

RF Parameters			
COM08SXP-2752		S5S5	N5N5
Frequency Range		700 - 2700 MHz	
RF Connectors		50Ω SMA	50Ω N-Type
Insertion Loss (dB)	Max	0.9± 0.4	0.9± 0.4
Flatness ± (dB)		0.5	0.5
Input Return Loss (dB)	Typ.	18	17
	Min	16	15
Output Return Loss (dB)	Typ.	22	22
	Min	20	20
Isolation (dB)	Typ.	22	22
Amplitude Balance (dB)		≤0.5	≤ 0.5
Phase Balance (Φ)		≤6°	≤6°

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*
 *To ports which are applicable

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport



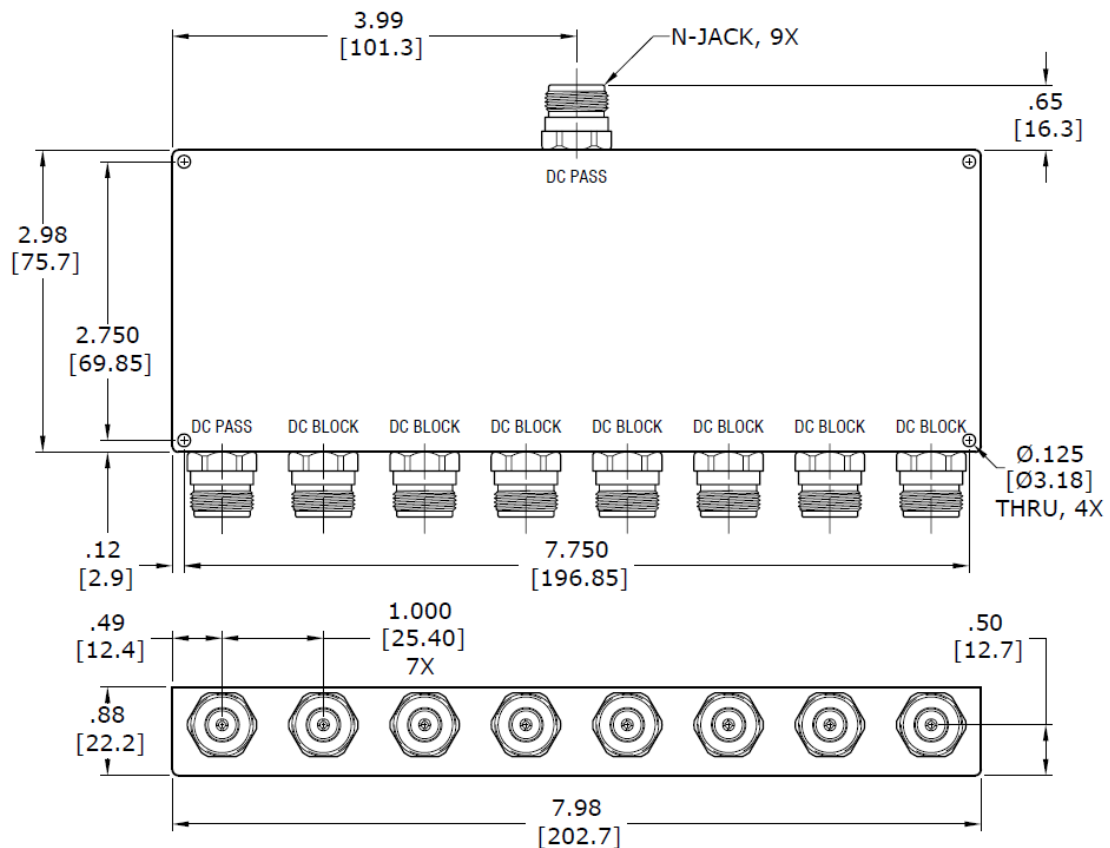
Technical specifications and operating parameters

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 20dB return loss	+46 dBm (40W) as splitter +30 dBm (1W) as combiner
DC Voltage	50 V
DC Current	N/A
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.