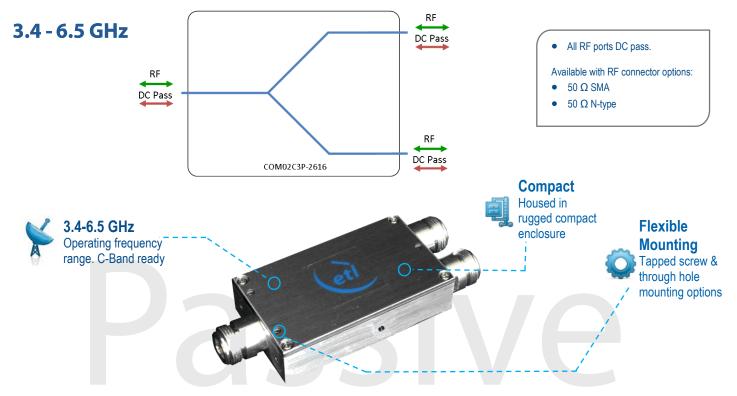


Model Number: COM02C3P-2616

2-Way C-Band Passive Splitter/Combiner



RF Parameters				
COM02C3P-2616-XXXX		S5S5	N5N5	
Frequency Range		3.4-6.5 GHz		
RF Connectors		50Ω SMA	50Ω Ν-Туре	
Mean Insertion Loss (dB)		0.9±0.4	0.9±0.4	
Flatness ± (dB)		0.6	0.6	
Input Return Loss (dB)	Тур.	20	20	
	Min	10	10	
Output Return Loss (dB)	Тур.	20	20	
	Min	9	9	
Isolation (dB)	Тур.	18	18	
Amplitude Balance (dB)		≤ 0.5	≤ 0.5	
Phase Balance (Φ)		≤ 5°	≤ 5°	

The given Insertion Loss specified is the loss above the theoretical limit for a lossless divider



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

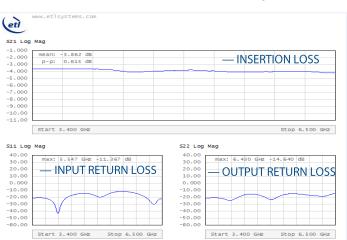


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Technical specifications and operating parameters



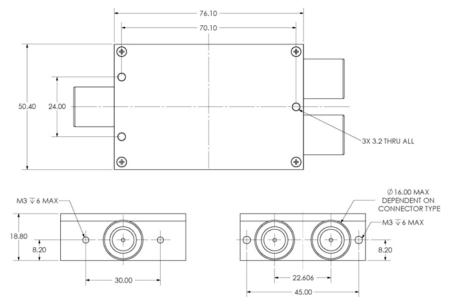
Power = -7dBm / IF Bandwidth = 1kHz

Environmental			
Operating Temperature		0°C to +45°C	
Storage Temperature		-20°C to +75°C	
Location		Indoor use Only	
Humidity M	/lax.	85% non-condensing	
Altitude M	/lax.	10,000 feet	

Max Operating Parameters			
Input RF Power into matched load with 20dB return loss	+27dBm (500mW) as combiner +37dBm (5W) as splitter		
DC Voltage	35V on any RF port		
DC Current	500mA		
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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