

A2026ML Triple Balanced Mixer

2.0 to 26.0 GHz

Technical Characteristics

Product Features	Maximum Ratings
Multi-octave bandwidth	Storage Temperature -65 to +100°C
Broad frequency - input and output	Operating Temperature Peak -54 to +100°C
Wide DC to IF frequency response	Peak Input Power For Any Port +24dBm Peak
Low conversion loss	Specifications @ 25°C
High port-to-port isolation	

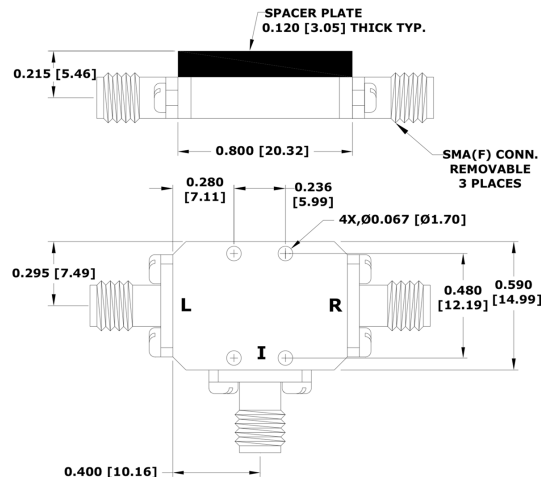
Parameters	Freq. (GHz)	Minimum	Typical	Maximum	Units	Conditions
Conversion Loss						
RF Input	2.0 to 26.0		8.5	13.5	dB	
LO Input	2.0 to 26.0					
IF Output	2.0 to 8.0					
Isolation						
LO-RF		20	25		dB	
LO-IF		20	25		dB	
RF-IF		20			dB	
VSWR			2.5:1			
1dB Comp.Point						
LO Drive A2026M			11	14	dBm	
3rd Order Intercept Point A2026M			16		dBm	

NOTES:

1. Measured in a 50-ohm system with nominal LO drive and downconverter application only, unless otherwise specified. The I-Port frequency range extends to DC for phase detection, pulse modulation, or attenuator applications. I-Port VSWR degrades from a 50-ohm system at low IF frequencies.

2. Typical values are measured at +25°C and are not guaranteed.

Package outline "L"



DISCLAIMER: Subject to change without notice.
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