

# A2026ML Triple Balanced Mixer

2.0 to 26.0 GHz

## Technical Characteristics

Product Features
Multi-octave bandwidth
Broad frequency - input and output
Wide DC to IF frequency response
Low conversion loss
High port-to-port isolation

Maximum Ratings	
Storage Temperature	-65 to +100°C
Operating Temperature Peak	-54 to +100°C
Peak Input Power For Any Port	+24dBm Peak
Specifications @	25°C

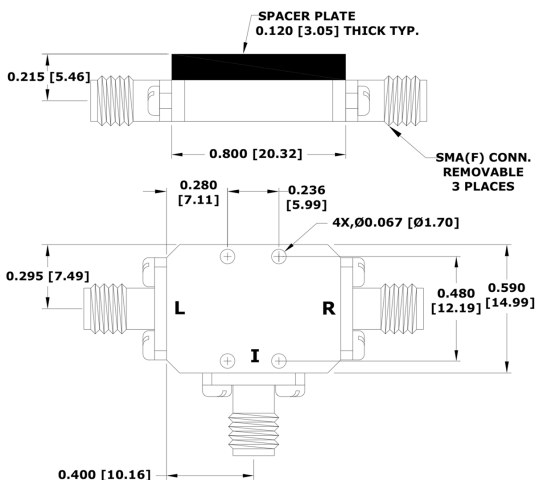
Parameters	Freq. (GHz)	Minimum	Typical	Maximum	Units	Conditions
<b>Conversion Loss</b>						
RF Input	2.0 to 26.0		8.5	13.5	dB	
LO Input	2.0 to 26.0					
IF Output	2.0 to 8.0					
<b>Isolation</b>						
LO-RF		20	25		dB	
LO-IF		20	25		dB	
RF-IF		20			dB	
VSWR			2.5:1			
1dB Comp.Point						
LO Drive 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.

### Product Export Classification

ECCN: EAR 99 (unless otherwise specified)  
HTS: 8541.10.0060

