



Characteristics	Typical	Guaranteed +25°C -54° to +85°C			
SSB Conversion Loss & SSB Noise Figure (max.)		+25 C	-34 10 +03 C		
$f_R = f_L = f_I =$					
$f_R = f_L = f_I =$					
$f_{R} = f_{L} = f_{I} =$					
$f_{R} = f_{L} = f_{I} =$					
Isolation (min.)					
L to R					
$f_L =$					
$egin{array}{c} \mathbf{f}_{\mathrm{L}} = & \ \mathbf{f}_{\mathrm{L}} = & \end{array}$					
$f_L =$					
L to I					
$f_L =$					
$\mathbf{f}_{\mathrm{L}} =$					
$f_L =$					
R to I					
$f_R =$					
$f_R =$					
1 dB Conversion Compression					
f _L @					
f _L @ Input IP3					
$f_{R1} = f_{R2} =$					
$r_{R1} - r_{R2} - r_{R2} - r_{L}$					
$f_{R1} = f_{R2} =$					
$f_{\rm R2} = f_{\rm L}$					
~L					
$f_{R1} = f_{R2} =$					
$f_L =$					

Absolute Maximum Ratings

Operating Temperature Storage Temperature Peak Input Power Peak Input Current

Outline Drawing(s)

Package	Figure	Model

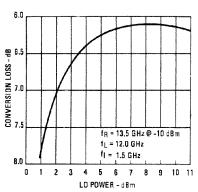
Specifications subject to change without notice. • North America: 1-800-366-2266 Visit www.macom.com for complete contact and product information.

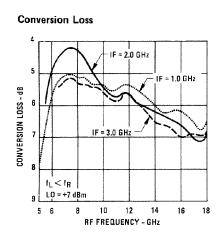


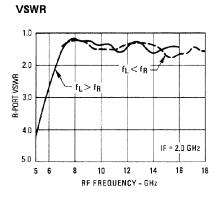


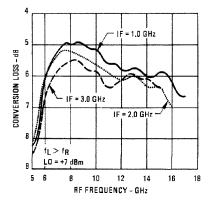
Typical Performance at 25°C

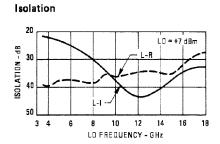
Conversion Loss vs. LO Power



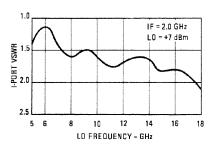




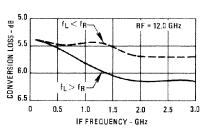


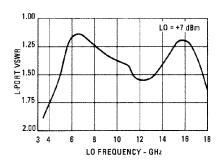






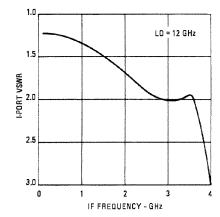
Conversion Loss





VSWR

VSWR



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