

UWMM-U4T35G

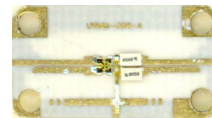
Ultra-wideband Double-balanced Mixer

Description

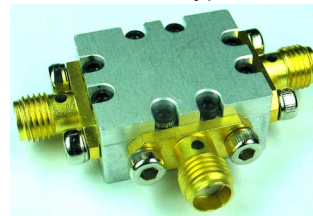
The UWMM-U4T35G is an ultra-wideband double-balanced mixer. This mixer utilizes our company's patented ultra-wideband balun, which enables low-cost implementation. This mixer operates for RF and LO frequencies from 4 to 35 GHz with low conversion loss.

Features

- ✓ Low cost
- ✓ LO/RF : 4 to 35 GHz
- ✓ 7 dB Typical Conversion Loss
- ✓ 28 dB LO - RF Isolation
- ✓ Package options:
 - 01 Housing: 0.86" × 0.7" × 0.4"
 - 02 Carrier type
 - Carrier size: 0.6" × 0.32" × 0.04"



Carrier type

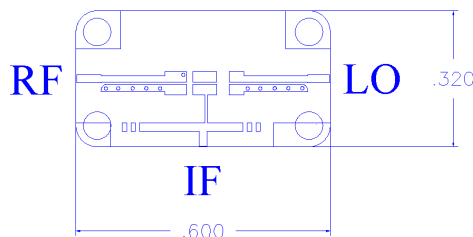


Housing type

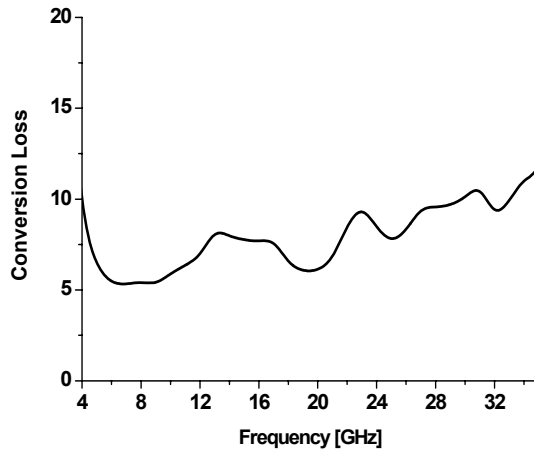
Electrical Specifications

Parameter	LO (GHz)	RF (GHz)	IF (GHz)	Min	Typical	Max
Conversion Loss (dB)	4 ~ 35	4 ~ 35	DC ~ 1		7	
Isolation	LO to RF				28	
	IF to RF				20	
Input P1dB (LO = +13dBm)	4 ~ 35	4 ~ 35			3	

Dimension & Ports Description (for carrier type)



Conversion Loss



LO-RF Isolation

