

Description:

AT-COMB-0R705-0R7XX is a super wideband comb generator. It's based on MMIC non-linear transmission line technology. This comb generator offers excellent phase noise performance from 0.5GHz to 5GHz input with output upto 40GHz.

Many connectors can be chosen with different frequency application, SMA, 2.92mm.



Feature

- ✓ Low Phase Noise
- ✓ Broadband Input
- ✓ Broadband Output
- ✓ No bias required

Application

- ✓ Comb line generation
- ✓ High efficiency multiplication
- ✓ Sampler
- ✓ Phase locked loops

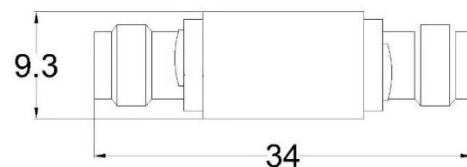
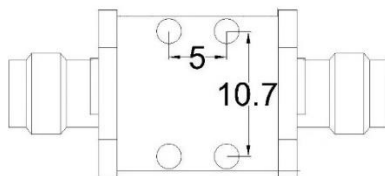
Electronical Specifications:

Parameter	Min	Typical	Max
Input Frequency	0.5GHz		5GHz
Output Frequency	0.5GHz		40GHz
Input Power	16dBm	20dBm	26dBm

Order Information

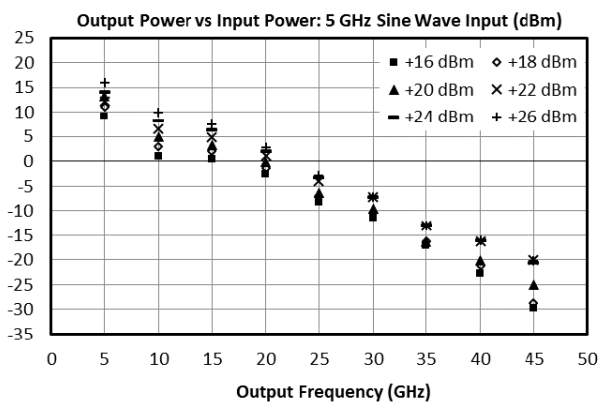
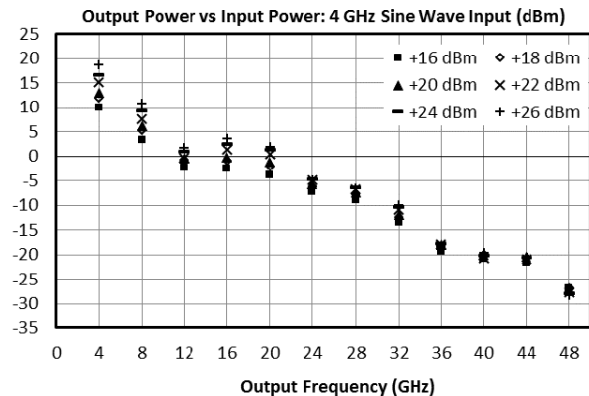
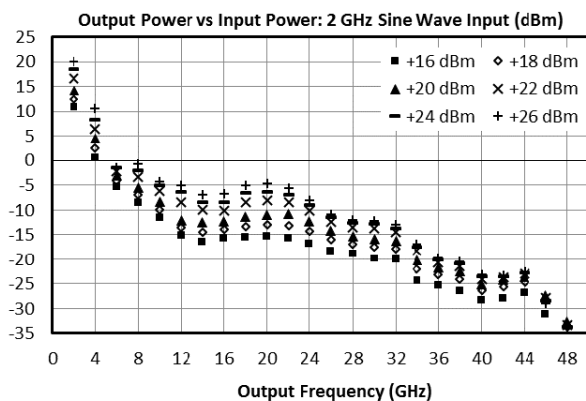
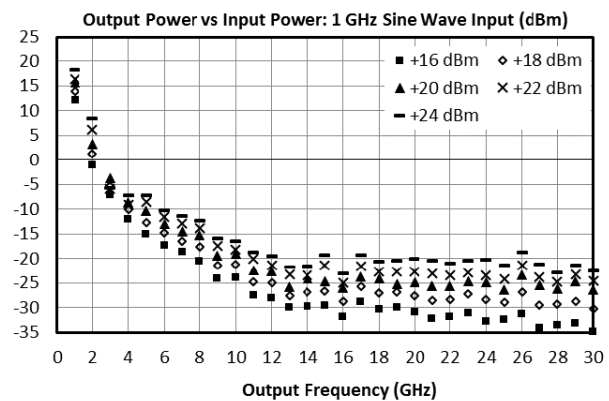
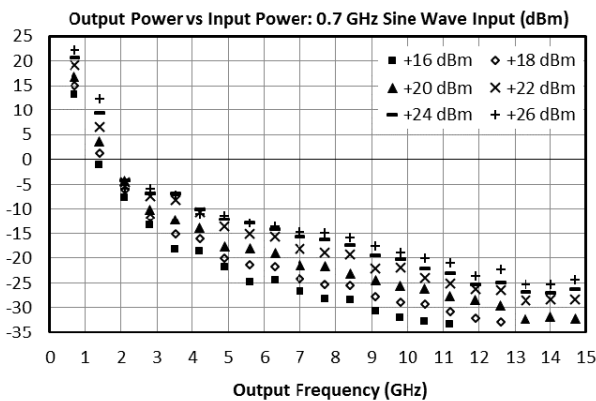
Part Number	Output Frequency	Connector
AT-COMC-0R705-0R726	0.5-26.5GHz	SMA
AT-COMC-0R705-0R740	0.5-40GHz	2.9mm

Dimension: (mm)



Absolute Maximum Ratings Table

Parameter	Value
Input DC Current	N/A
RF Power Handling	+26dBm
Storage Temperature	-65 to +150C



Output frequency and power Vs. Input

