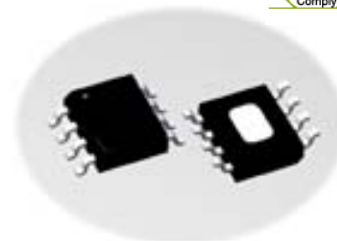


Product Features

- Passive Integration on Silicon
- Low Insertion Loss
- High Isolation
- Solder Pad
- Low Cost
- Pb Free/RoHS Compliant

Application

- Repeater
- Base Station
- RF Sub-Systems



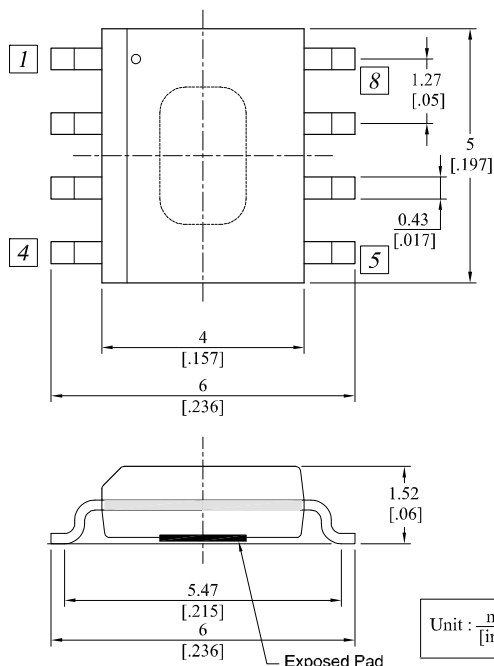
Description

The CP Series is a monolithic directional coupler for low cost wireless applications.

Specifications at 25 °C

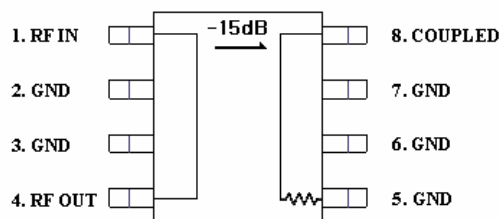
PARAMETER	Units	Min	Typ	Max
Frequency Range	MHz	2500		2700
Insertion Loss	dB		0.3	0.5
Input Return Loss	dB	14	17	
Output Return Loss	dB	14	17	
Coupling	dB	14	15	16
Coupling Port Return Loss	dB	12	14	
Isolation	dB	20	25	
Remarks	MHz	2600		

Package Dimensions (Type: SOIC-8)

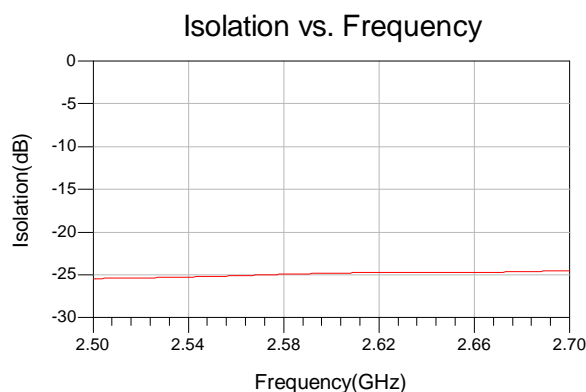
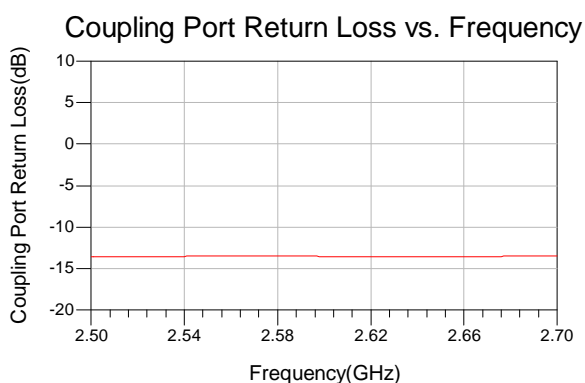
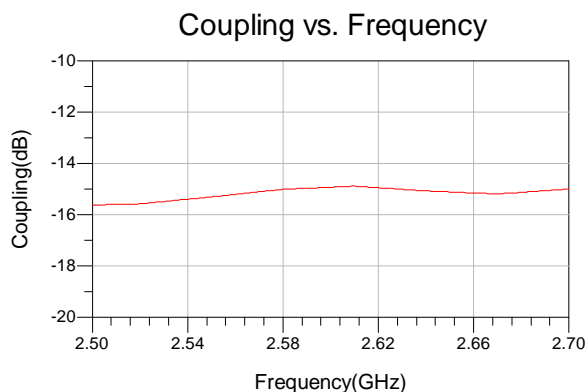
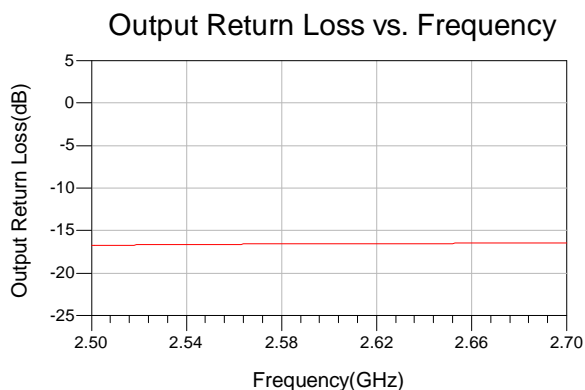
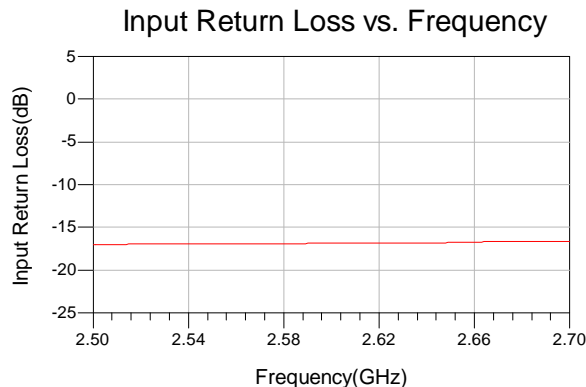
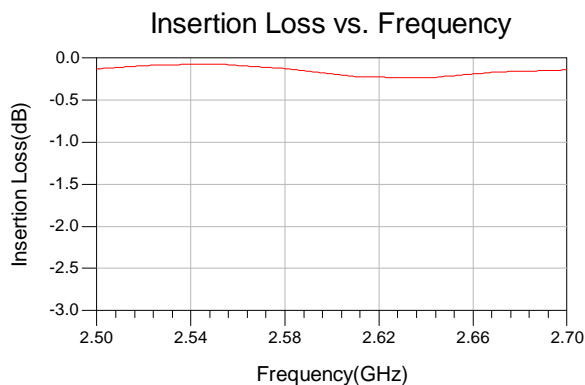


Absolute Maximum Ratings

Parameter	Value
Input Power	2 W
Operating Temperature	-40 ~ +85 °C
Storage Temperature	-65 ~ +150 °C



Typical Performance Data at 25°C (SOIC-8 Package)



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