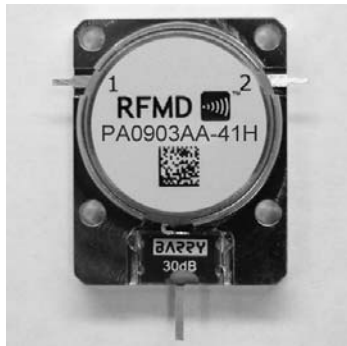


Product Description

The PA0903AA-41H is a small, low cost drop-in iso-attenuator designed for applications in high performance linear power amplifiers for wireless infrastructure base stations. These iso-attenuators feature a robust construction for high reliability with excellent IMD performance and high power capability attenuators. These iso-attenuators are RoHS compliant, RFMD Green, and use aluminum nitride attenuators. CCW rotation and special tab offsets available upon request. S-Parameters are also available upon request.



Features

- Typical Insertion Loss Less than 0.2dB
- -60dBc IMD Typical Temperature
- Isolation Greater than 25dB
- 60W Rated 30dB Attenuator
- Industry Standard 1.0x1.25 Inch Drop-in Package

Applications

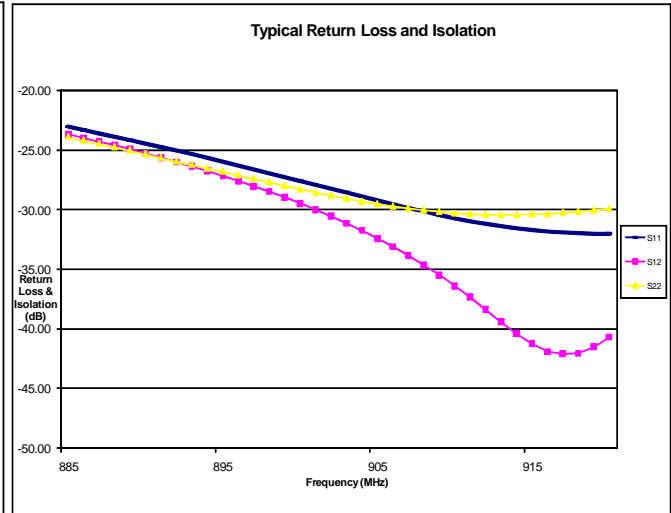
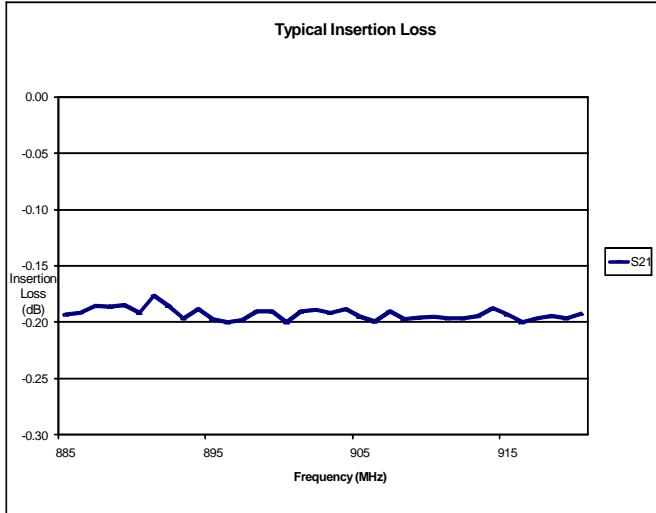
- Designed for Wireless Infrastructure Systems

Parameter	Specification			Unit	Condition
	Min.	Typ.	Max.		
Frequency Range	885		920	MHz	
Insertion Loss		<0.20	0.30	dB	
Isolation	20	>25		dB	
Return Loss	20	>25		dB	
IMD		-60		dBc	2Tx37.5Watts

Note: Typical values represent Mid-band performance at 25 °C

Absolute Maximum Ratings

Parameter	Rating	Unit
Forward Power	200	W
Reverse Power	60	W
Operating Temperature	-40 to +85	°C
Storage Temperature	-40 to +95	°C



Pin	Function	Description
1	INPUT	
2	OUTPUT	
3	-30dB	

Package Drawing

Dimensions in millimeters (inches)

Refer to drawing posted at www.rfmd.com for tolerances.

