

RA-40FM

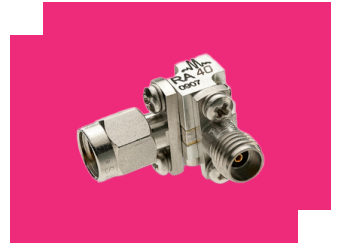
Right-Angle Adapter

DEVICE OVERVIEW

General Description

The RA-40 is a right angle adapter featuring a unique construction that minimizes insertion loss and offers excellent return loss across a DC to 40 GHz operating band.

[Download s-parameters here](#)



Features

- DC to 40.0 GHz
- Low Insertion Loss
- 2.92 mm Male/Female Connectors

Applications

N/A

Functional Block Diagram

N/A

Part Ordering Options

Part Number	Description	Connectors	Green Status	Product Lifecycle	Export Classification
RA-40FM	Right-Angle Adapter	<u>Standard</u>	<u>Consult Factory</u>	Released	EAR99

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Port Configuration and Functions

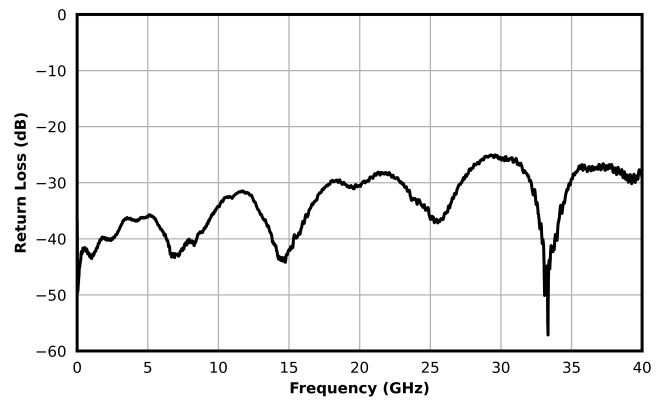
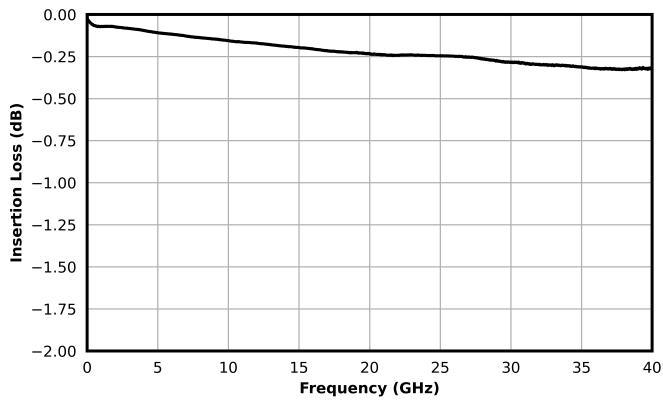
Port Functions

Port	Function	Connector Type	Description	Equivalent Circuit for Package
Port 1	RF Input / Output	-	RF input/output port	-
Port 2	RF Input / Output	-	RF input/output port	-

Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	Configuration A, Temp = 25°C	0	40	-	0.2	-	dB
Return Loss	Configuration A, Temp = 25°C	0	40	-	33	-	dB

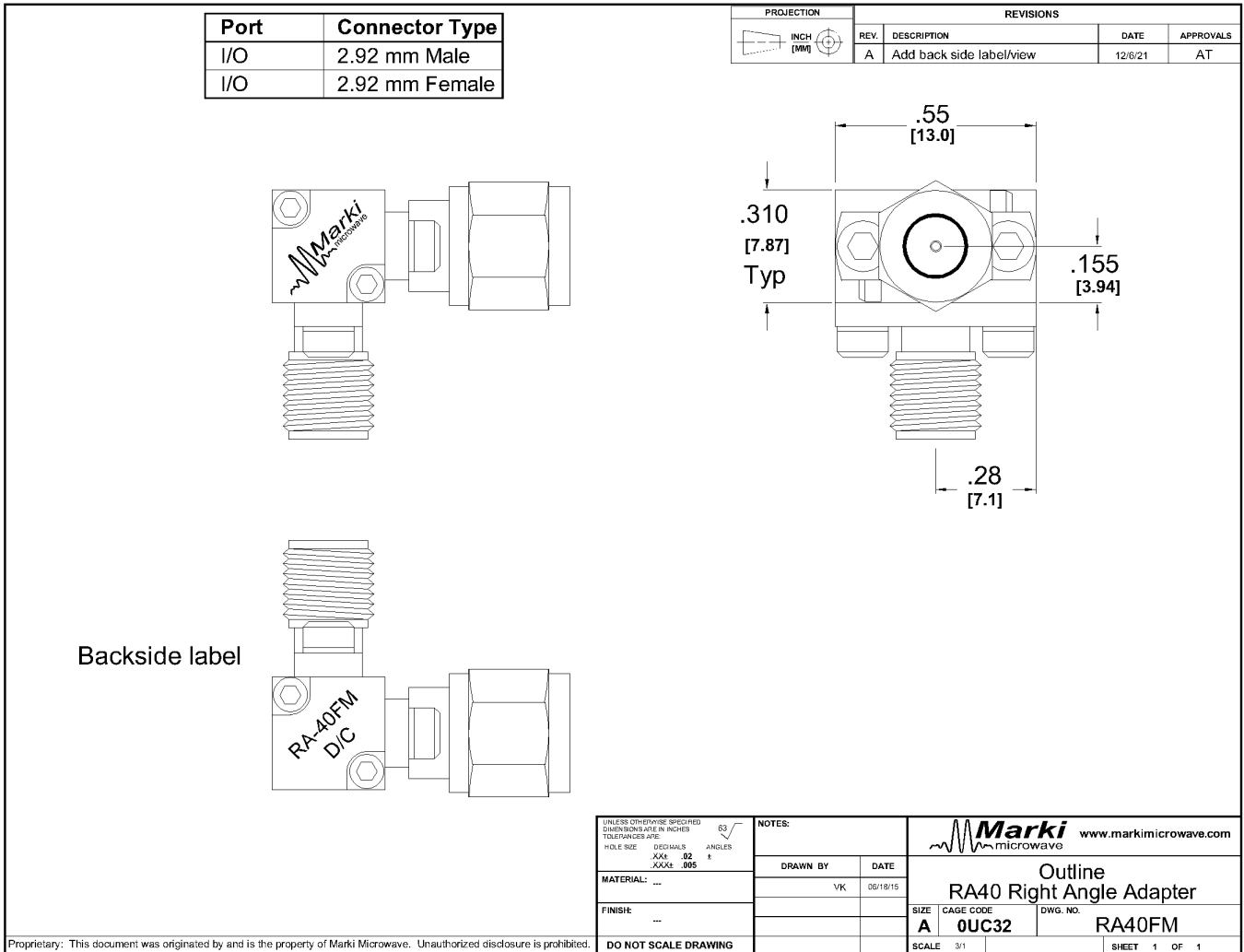
Typical Performance Plot



Mechanical Data

Outline Drawing

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