

ATN30-12FL00WG

General Description

1" Low Power WR-12 30 dB Attenuators, operating from 60-90 GHz, are built with high precision and gold plated for high corrosion resistance. They have great VSWR and accurate attenuation.

Features

- Power Handling 1 W
- Length = 1 in.
- UG-387/U Flange

Functional Block Diagram

N/A



Electrical Performance Summary

Parameter	Typ	Unit
Frequency Range	60 to 90	GHz
Attenuation	30	dB
Return Loss	23	dB

Summary only – refer to the Electrical Specifications, Absolute Maximum Ratings, and Recommended Operating Range tables for complete details.

Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ATN30-12FL00WG	1" LP WR-12 30 dB Attenuator	WR-12	REACH RoHS	Released	EAR99

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SPECIFICATIONS

Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Frequency Range	-	60	90	-	-	-	GHz
Attenuation	-	60	90	-	30	-	dB
Return Loss	-	60	90	-	23	-	dB

Absolute Maximum Ratings

Parameter	Maximum Rating	Unit
Power Handling	1	W

Package Information

Parameter	Details	Rating
Dimensions	-	L = 1 in.

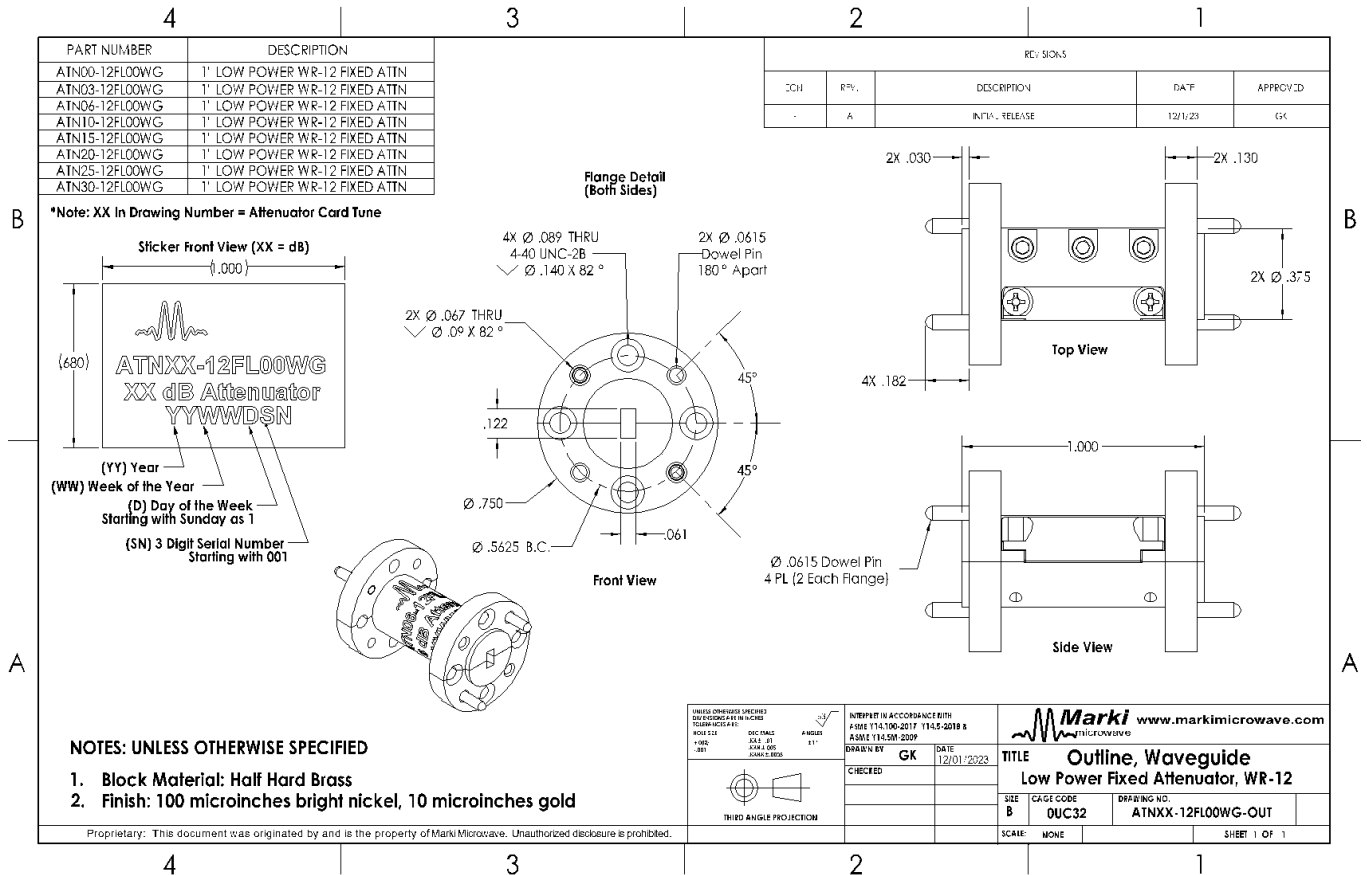
Port Functions

Port	Function	Connector Type	Description	DC Equivalent Circuit
Port 1	RF Input / Output	-	RF input/output.	-
Port 2	RF Input / Output	-	RF input/output.	-

MECHANICAL DATA

Outline Drawing

Download : [Outline 2D Drawing](#) | [Outline 3D STP](#)



REVISION HISTORY

Revision Code	Revision Date	Comment
-	2024-05-01	Initial Release

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