

WE90-1000WG

WR-10 90-Degree Waveguide E-Plane Bend

DEVICE OVERVIEW

General Description

WR-10 90-Degree Waveguide E-Plane Bend, operating from 75-110 GHz, are built with high precision and gold plated for high corrosion resistance. They have very low loss and excellent VSWR. Manufactured to rigid specifications, these transmission line components provide minimum detrimental effects on overall system VSWR.



Features

- Copper waveguide
- Brass UG-387/U flanges
- Gold plated
- Length = 1 in.
- Very low loss

Applications

- 5G
- Radar
- Satellite Communications
- Communication Systems

Functional Block Diagram

N/A

Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
WE90-1000WG	WR-10 90-Degree Waveguide E-Plane Bend	WR-10	REACH RoHS	Released	EAR99

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Revision History

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

Specifications

Package Information

Parameter	Details	Rating
Dimensions	-	L = 1 in.

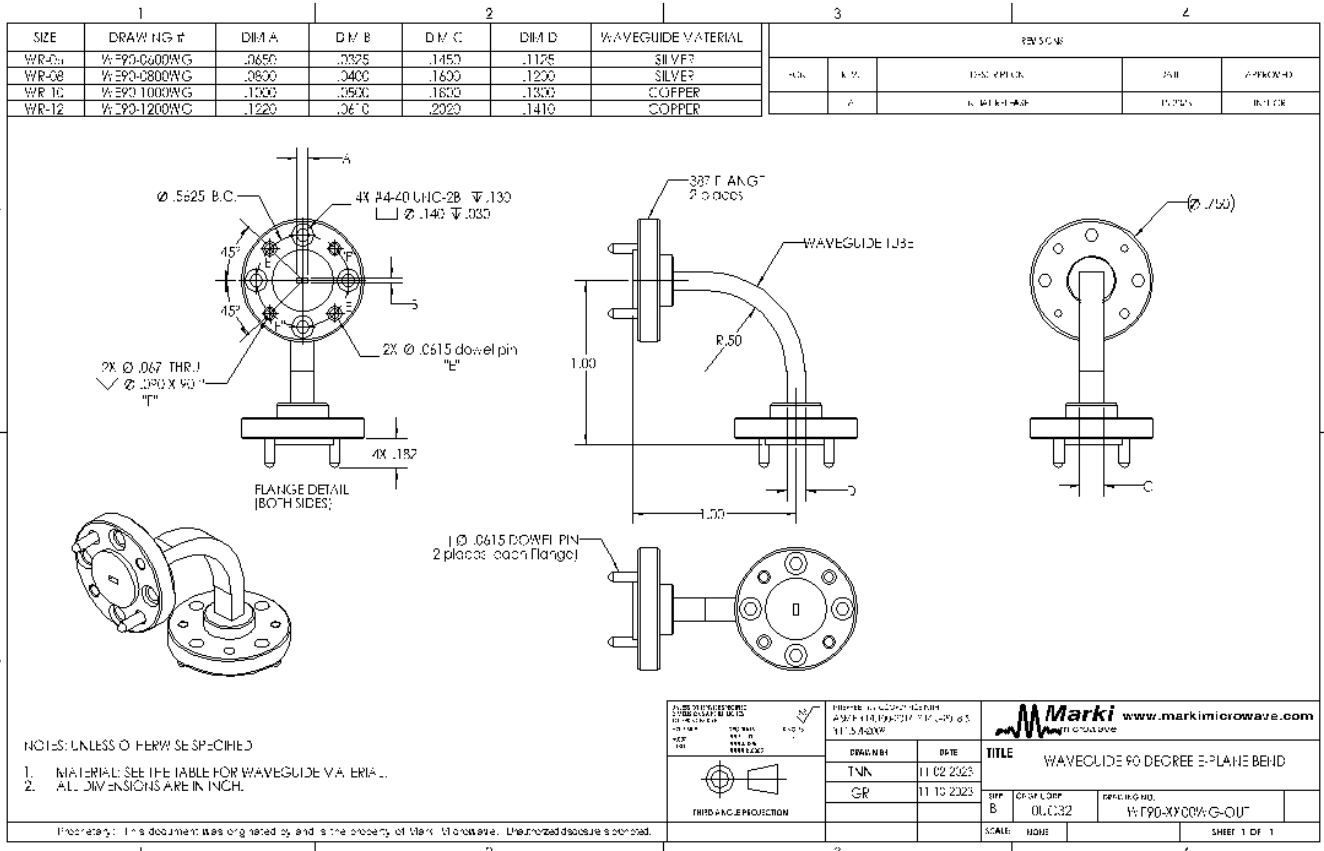
Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	75	110	-	0.13	-	dB
Return Loss	-	75	110	-	37	-	dB

Mechanical Data

Outline Drawing

Download : [Outline 2D Drawing](#)



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