

EVB-MBAL-0416S

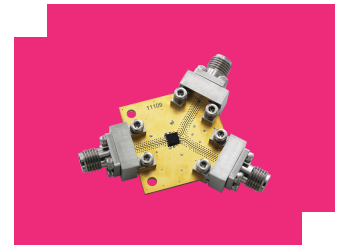
Evaluation Board, 4-16 GHz Passive MMIC FFF Package Balun

DEVICE OVERVIEW

General Description

The EVB-MBAL-0416S is a connectorized evaluation board for the MBAL-0416SMG, 4-16 GHz passive MMIC FFF package balun.

[Download s-parameters here](#)



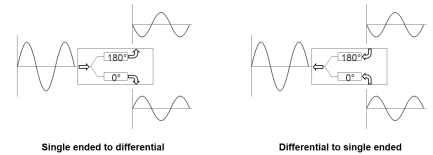
Features

N/A

Applications

N/A

Functional Block Diagram



Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
MBAL-0416SMG	4 - 16 GHz MMIC Isolation Balun	DFN	REACH RoHS	Released	EAR99
EVB-MBAL-0416S	Evaluation Board, 4-16 GHz Passive MMIC FFF Package Balun	EVB	REACH RoHS	Released	EAR99



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EVB-MBAL-0416S

**Evaluation Board, 4-16 GHz Passive MMIC FFF
Package Balun**

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Revision History

Revision Code	Revision Date	Comment
-	2026-02-24	Initial Release

EVB-MBAL-0416S

Evaluation Board, 4-16 GHz Passive MMIC FFF Package Balun

Mechanical Data

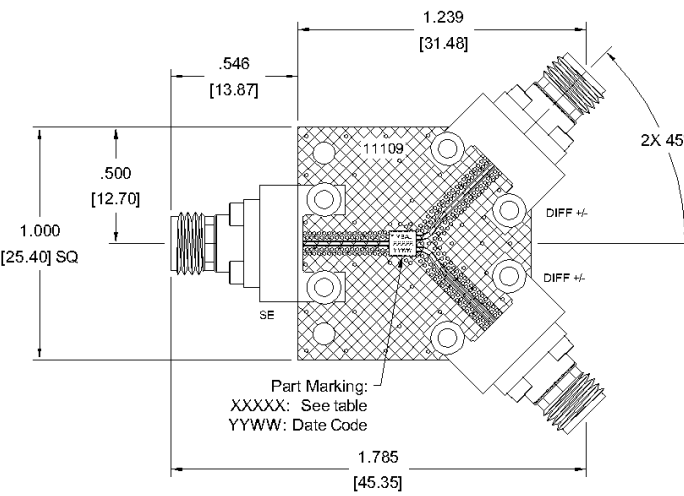
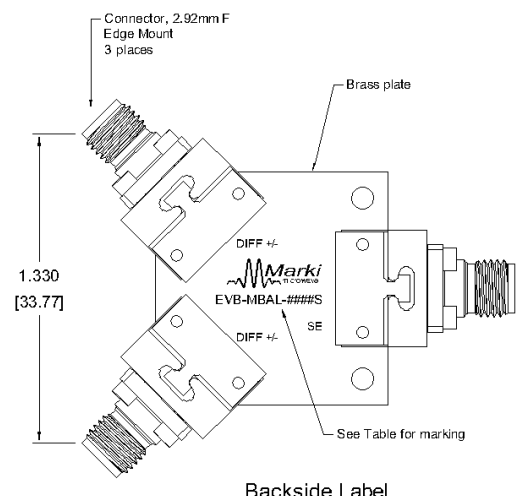
Outline Drawing

Download : [Outline 2D Drawing](#)

All measurements are typical

Port	Connector Type
SE	2.92 mm F Edge Mount
DIFF +/-	2.92 mm F Edge Mount
DIFF +/-	2.92 mm F Edge Mount

Connectors are not removable





Part Marking:
XXXXX: See table
YYWW: Date Code

XXXXX	EVB-MBAL-####S	Surface Mount PN
10996	EVB-MBAL-0208S	MBAL-0208SMG
10997	EVB-MBAL-0416S	MBAL-0416SMG
10998	EVB-MBAL-0620S	MBAL-0620SMG

PROJECTION		REVISIONS			
INCH	(MM)	REV.	DESCRIPTION	DATE	APPROVALS
		A	Initial Release	2/18/26	AT

<small>J1.250 OF E.W. 92-SP-25-112 © 1992 BY E.W. 92-SP-25-112 TO: 2.5W/1625 / 1.15 10.23 +.002 .002 .002 / 1.16 .23 +.001 .001 .001 / .010 .010 .010</small>		NOTES: <table border="1"> <tr> <th>DRAWN BY</th> <th>DATE</th> </tr> <tr> <td>Tnn</td> <td>09-22-2025</td> </tr> <tr> <th>AN</th> <td>11/17/25</td> </tr> <tr> <th>AR</th> <td>11/17/25</td> </tr> </table>	DRAWN BY	DATE	Tnn	09-22-2025	AN	11/17/25	AR	11/17/25
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DO NOT SCALE DRAWING										

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Outline, MBAL SMG Eval Board		
SIZE	CAGE CODE	DWG. NO.
A	0UC32	EVB-MBAL-####S
SHEET 1 OF 1		

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EVB-MBAL-0416S

Evaluation Board, 4-16 GHz Passive MMIC FFF Package Balun

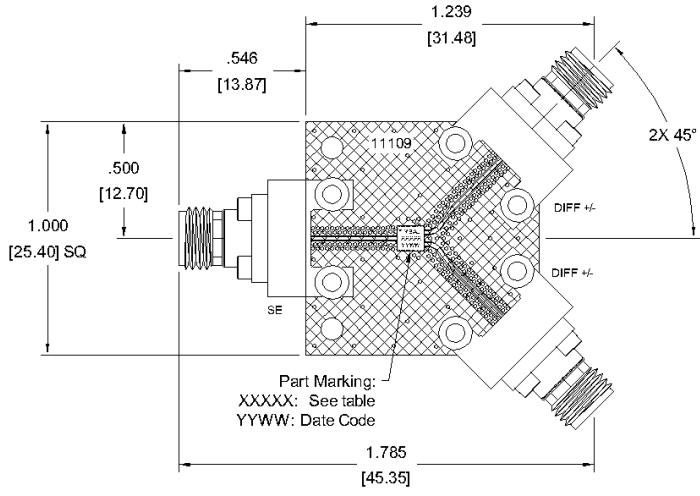
Evaluation Board - Outline Drawing

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Marki microwave www.markimicrowave.com		
Outline, MBAL SMG Eval Board		
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