

ISO27-22F00WG

Isolator WR-22 (U-Band)

DEVICE OVERVIEW

General Description

Isolator WR-22 Marki Microwave Q-band Isolators, operating from 33-50 GHz, are built with high quality materials and use the Faraday principle in our full band isolator design. They have low loss and high isolation.



Features

- Isolation 27 dB
- Insertion Loss 1.6 dB TYP
- Return Loss 16 dB MIN
- Max Power: 1.5W
- UG-383/U Flange

Applications

- 5G
- Communication Systems

Functional Block Diagram

N/A

Part Ordering Options

Part Number	Description	Package	Green Status	Product Lifecycle	Export Classification
ISO27-22F00WG	Isolator WR-22 (U-Band)	WR-22	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	-	68 x 34 mm

Electrical Specifications

Parameter	Test Conditions	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Typ	Max	Unit
Insertion Loss	-	33	50	-	-	1.6	dB
Isolation	-	33	50	-	27	-	dB
Return Loss	-	33	50	16	-	-	dB

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