



GL-D-80120-17-20 Drop-in-Isolator 8.0-12.0GHz 17dB Isolation Forward Power 20 W

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Product Information

SKU	GL-D-80120-17-20
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Description

Description	Drop-in-Isolator GL-D-80120-17-20, operating from 8.0-12.0GHz, has a 0.6dB insertion loss and low VSWR 1.50:1. It can handle a forward power of 20W and a reverse power of 5W. The isolator also offers an isolation of 17dB. An isolator is a two-port device that allows microwave or RF power to transmit unidirectionally while blocking reverse signals. It can be regarded as a 'diode' for RF energy. Its primary role is to isolate equipment from external environmental influences. A typical application involves protecting microwave sources from detuning caused by load mismatches. The A-INFO's coaxial isolator is manufactured with a high precision machining process to ensure high quality and ruggedness. This isolator is ideally suited for measurement, radio systems, communication systems, radar systems and other applications.
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Technical Specification

Electrical Specification		Interface	Environmental Specification	Mechanical Specification
Interface	Coaxial			
Device Type	Isolator			
Design	Single Junction			
Direction	Clockwise			
Frequency, Min (GHz)	8			
Frequency, Max (GHz)	12			
I.L., Max (dB)	0.6			
VSWR, Max	1.35:1			
Isolation, Min (dB)	17			
Forward Power, CW, (W)	20			
Reverse Power, CW, (W)	5			

Additional Information

Application

General Purpose Indoor & Outdoor, Fixed

About this Datasheet

• Product Information

Product Link:

<https://www.ainfoinc.com/gl-d-80120-17-20-drop-in-isolator-8-0-12-0ghz>

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• Product Information Product Link: https://www.ainfoinc.com/gl-d-80120-17-20-drop-in-isolator-8-0-12-0ghz Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved	• Contact Us Address: 60 Tesla, Irvine, CA 92618, USA Website: www.ainfoinc.com Email: sales@ainfoinc.com	• Phone & Fax Phone: +1-949-639-9688 +1-949-639-9608 Fax: +1-949-639-9670
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