

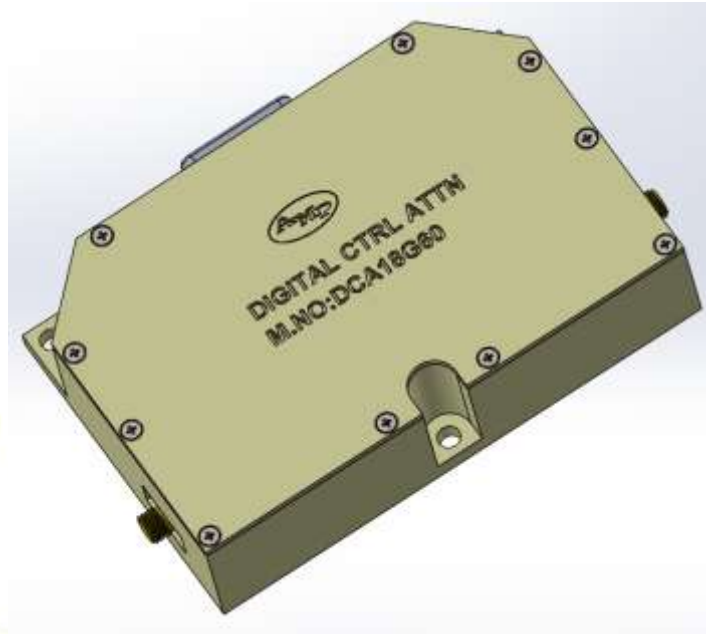


Astra Microwave Products Ltd.

On A Winning Wavelength

0.5-18 GHz DIGITAL CONTROL ATTENUATOR

Product No. DCA18G60



Key Features:

- ✓ Wide Frequency, up to 18 GHz
- ✓ Fine attenuation resolution, 0.5 dB
- ✓ Fast switching speed

Applications

- ✓ Automated Test Equipment (ATE)
- ✓ Receiver sensitivity testing
- ✓ Radar & electronic warfare

Specifications

DCA18G60 is a general purpose, single channel programmable attenuator suitable for a wide range of signal level control applications from 500 MHz to 18 GHz. The Attenuator provides 0 to 60 dB attenuation in 0.5 dB steps. Its unique design maintains linear attenuation change per dB, even at the highest attenuation settings. The attenuator is housed in a compact and rugged package with SMA female RF connectors. The DC supply and attenuation controls can be provided via the D-sub connector.

*Contact us for your customized requirements | *All data contained herein is subject to change without notice.

ASTRA Towers, Survey No. 12(P),HITEC City, Kothaguda Post, Kondapur, Hyderabad, Telangana, INDIA - 500084.

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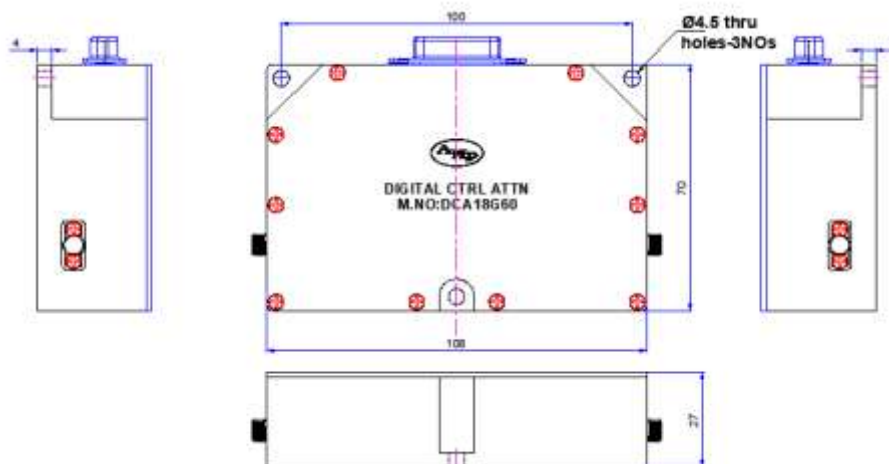
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Parameter	Min.	Typical	Max.	Units
Frequency Range	0.5		18	GHz
Insertion Loss		10		dB
Attenuation Range			60.0	dB
Step Size			0.5	dB
Control Bits	7			Bits
Speed		300		ns
VSWR			2.5:1	-
DC Power		±5/ 50		V/mA

Outline Drawing



Measured Data

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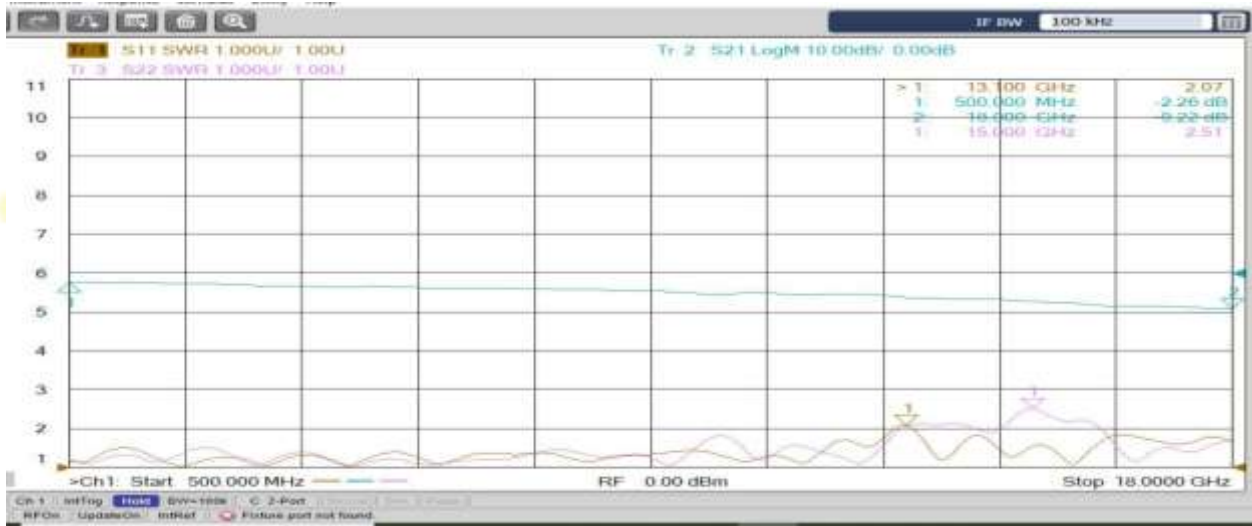


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Insertion Loss & VSWR



Attenuation State relative to Insertion Loss

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