

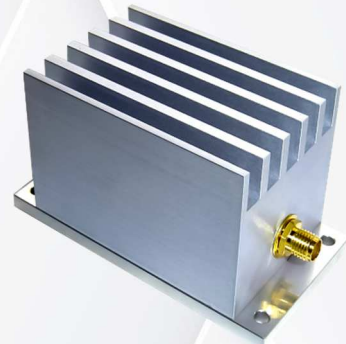
AMPB-B-30-10.900

AMPB-B-34-10.900

AMPB-B-36-10.900

Product Overview

These Power Amplifiers are made for acousto-optic applications, covering frequency ranges up to 900 MHz. In association with a VCO driver or a DDS driver, they will provide the necessary RF power to drive an acousto-optic device up to 1, 2.5 or 4 W.



FEATURES

- Large Band
- Suitable for AO applications
- RoHS

SPECIFICATIONS (T=25°C)

Parameter	AMPB-B-30-10.900	AMPB-B-34-10.900	AMPB-B-36-10.900
Frequency range	10 to 900 MHz		
Gain	Nom 34-38-41 dB		
Gain Flatness	Nom +/-2dB		
Noise Figure	Nom 5dB		
Output RF Power (@1dB compression)	≥ 30 dBm	≥ 34 dBm	≥ 36 dBm
Input / Output Impedance	50 Ω		
Power Supply	24 +/- 0.5 VDC		
Max required Current	330 mA	490 mA	560 mA
Class	AB		
VSWR	< 1.5/1		
Input / Output Connector	SMA / SMA		
Size / Weight	76 X40 X 42 mm ³ /220 g		
Heat Exchange	Conduction through baseplate		
Operating Temperature	-10 to 50 °C (max Tcase 55°C)		
Storage Temperature	-40 to +70 °C Non condensing		

*Option 10-500MHz versions

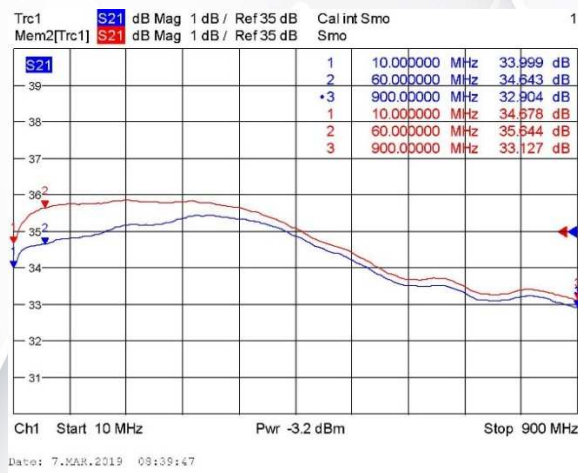
*Option Rack 19", 1U, 110-230VAC, 8 channels

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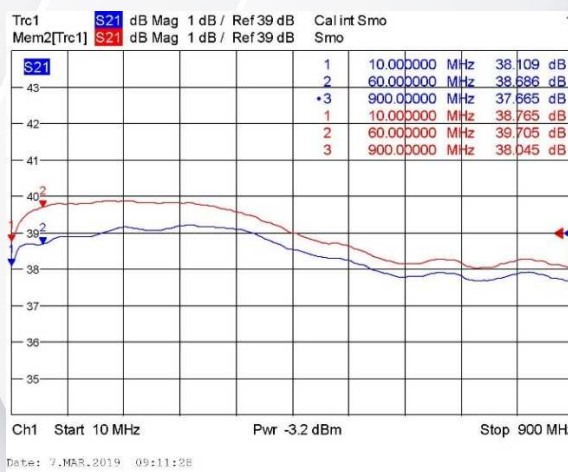
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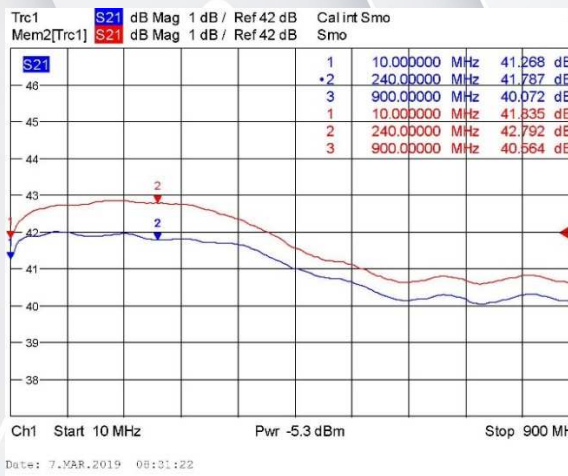
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OUTLINE DRAWING, mm

