

A-320DPA

Dual Port Adaptor RF Amplifiers



Features

- Clips on to any A-320 series amplifier
- Allows for dual antenna use
- LNA functionality for UHF SATCOM
- Utilises existing A-320 series cables
- Installs without tools

Overview

This simple clip on attachment was designed in response to warfighter requests for dual port capability for their A-320 series amplifiers.

The adaptor allows for simultaneous connection of two separate RF antennas for differing frequencies. It also functions as a Low Noise Amplifier (LNA) for UHF SATCOM operation - providing approximately 10 dB of gain.

The lightweight A-320DPA installs without tools. When needed, operators simply clip on the A-320DPA to existing lanyard pins on the A-320 and unclip when desired.



Technical Specifications

Size						
• Height	93.98 mm					
• Width	38.10 mm					
• Depth	40.64 mm					
Weight	0.34 kg					
Frequency Range	ANT1 30 - 88 MHz			ANT2 116 - 512 MHz		
	Off	On-LNA	On-No LNA	Off	On-LNA	On-No LNA
	30 - 88 MHz	30 - 88 MHz	30 - 88 MHz	116 - 512 MHz	116 - 512 MHz 292 - 512 MHz TX 240 - 270 MHz RX	116 - 512 MHz
Gain	10 dB					
Noise Figure	< 3 dB					
1 dB Compression	22 dBm					
Out of Band Rejection	50 dB - 30 - 220 MHz and 290 MHz					
Input Voltage	18 - 34 V DC					
Input Power	2 Watts maximum					
Input / Output Impedance	50 Ω					
Ports	ANT1: 30 - 88 MHz ANT2: 116 - 512 MHz					
RF Transmit Power	2 Watts maximum					
Operating Temperature	- 30°C to + 60°C					
Operating Altitude	7.62 km					
Finish	Black, anodised					

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All specifications are subject to change without notice

The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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