

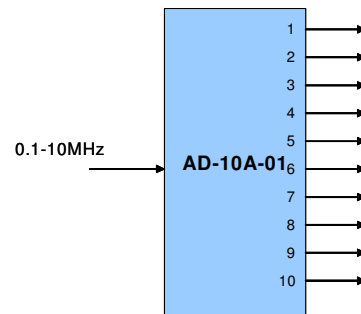
Frequency Distribution Amplifier

AD10A-01

10 Channels Signal Distribution Amplifier

Key Features

- ❖ 10 channel outputs distribution and amplifier
- ❖ RF Input: 0.1-10MHz
- ❖ Supply voltage: 28±4 VDC
- ❖ Compact



Description

AD-10A-01 is a 10 channels RF distribution and amplifier packed in compact enclosure. Each AD10A-01 output can be used as an input to other AD10A-01 unit thereby creating a system of dozens outputs, starting from one single input. The unit includes LED indication for input and for each output.

SPECIFICATIONS

All specs are at room temperature, quiescent conditions, sea level ambient unless otherwise specified

RF Input & Outputs

Input (one input)	Frequency	0.1 to 10MHz, Sine Wave
	Level	+8±2dBm
	Load Impedance	50Ω
	Connector	TNC
Outputs (ten outputs)	Frequency	Same as input
	Level	11±2dBm
	Harmonic distortion	≤ -45 dBc, Without input signal distortions
	Non Harmonic distortion	≤ -90dBc (0-100kHz), Without input signal distortions
	Load Impedance	50 Ω
	Connector	TNC

Power Supply

DC	28±4 VDC
-----------	----------

Dimensions & Weight

Enclosure	Size	25.4 (high) x 482.6 (width) x 225 (depth) mm. (front panel fitting 19" rack)
	Weight	< 1.3 kg

BIT

LED Indications	Two LEDs on the front panel: Power and BIT
	LED on each output
Hardwired overall BIT indication	Open collector overall BIT indication

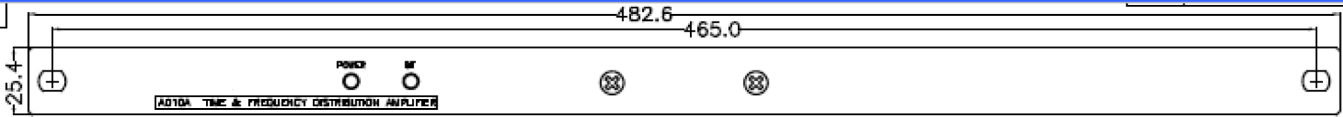
Electrical ICD

Connector	Standard Type	Optional
○ DC – Power Supply	MS3112E8-4P	
○ IN – Frequency Input	TNC	BNC
○ BIT – Overall BIT	D-Type	
○ OUT 1 – OUT 10 – Output signals	TNC	BNC

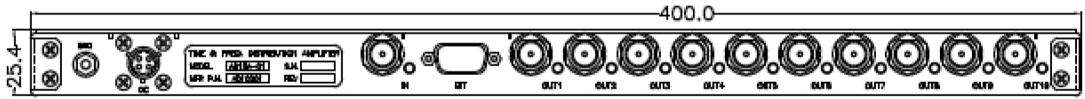
SPECIFICATIONS *(continue)*

All specs are at room temperature, quiescent conditions, sea level ambient unless otherwise specified

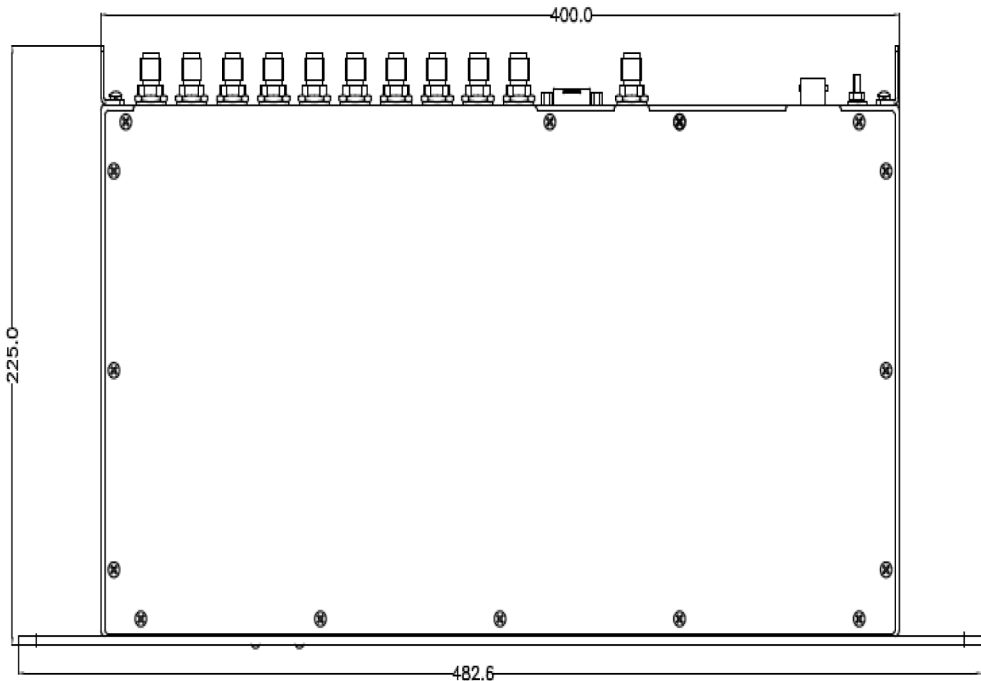
Mechanical ICD



Front Panel



Rear Panel



Top View

HOW TO ORDER

OPTIONS	AccuBeat P/N:
BNC Connector	By description