



ZHM-4016/2

WIDEBAND AMPLIFIER

2 W from 40 MHz-1600 MHz

The new professional wideband 2 W amplifier that requires minimum driving input of 10-12 dBm for the maximum of 2 W RF power output. It is broadband in 40 MHz - 1600 MHz and doesn't require any tuning or adjusting. Power supply is 24 V/ 0.55 A. Gain is 24 dB. SMA connectors Input / Output 50 ohms impedance. Class of operation AB.

Features:

- Excellent Linearity
- Superior Return Loss Performance
- Extremely Low Distortion
- Optimal Reliability
- Low Noise
- Unconditionally Stable Under All Terminations
- Extremely High Output Capability
- 24dB Min. Gain at 1600MHz
- 550mA Max. at 24VDC Applications
- 45 MHz to 1600MHz CATV



Amplifier Systems

Dimensions: 6" X 4" X 2"

Technical Specifications	
Operating Frequencies:	40 MHz- 1600 MHz
Operating class:	Linear AB
DC Voltage:	24 V
RF power:	2 W
Input power:	10 dBm, max. 15 dBm
Minimum required voltage:	18 V
Battery power:	24 V
Video distortion:	N/A
Video Format:	N/A
Current Consumption:	0.55 A / 24 V
Antenna:	N/A
Antenna Connector:	SMA
Impedance:	50 ohms
Temperature Range:	-40 +75* C
Dimensions:	6" X 4 " X 2"
Weight:	400 grams