

## TECHNICAL BULLETIN

**WIDE-BAND Multichannel RF POWER  
AMPLIFIER**

**E17140-01-04**

**Rev.A**

Designed for Wide-band High Power applications.

It could be customized in terms of number of channels starting from one channel. The solution provides astonishing performance in terms of amplitude and phase matching, compression point and gain.

In the following the performance

### **Absolute Maximum Ratings**

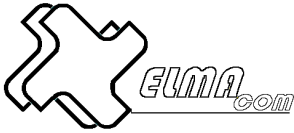
| <b>Parameter</b>      | <b>Rating</b> | <b>Units</b> |
|-----------------------|---------------|--------------|
| Supply Voltage        | 220           | Vac          |
| Operating Temperature | -30 to + 50   | °C           |
| Storage Temperature   | -55 to +70    | °C           |

### **Electrical Characteristics @ T = 25 °C**

| <b>Parameter</b>          | <b>Values</b> | <b>Units</b> |
|---------------------------|---------------|--------------|
| Frequency Range           | 0.5-18        | GHz          |
| Output Power @ 1 dB comp. | 25            | dBm          |
| Small Signal Gain         | 24            | dB           |
| Gain Flatness             | +/- 2         | dB           |
| Amplitude Matching        | +/-1          | dB           |
| Phase Matching            | +/- 10        | deg          |

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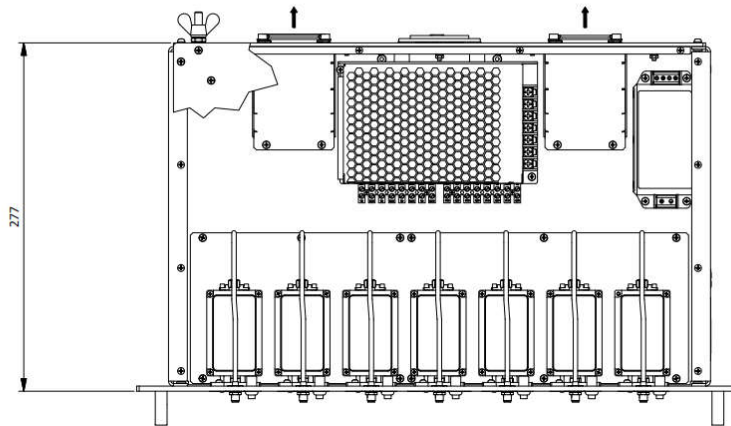
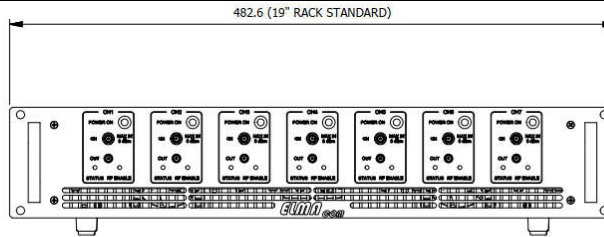


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