

# 4036B

## 1x15 RF Distribution Amplifier



4036B 1x15 RF Distribution Amplifier

#### **Features**

- · Low phase noise
- High channel isolation
- 15 outputs
- Yields 225 outputs at second level
- LED status indicators for all inputs and outputs
- Status information via Ethernet
- Setable gain
- · CE compliant

The Microsemi 4036B is a one-input, fifteen-output RF distribution amplifier in a 1U chassis. It provides fifteen isolated copies of a single input. The unit operates over a frequency range of 1 MHz to 20 MHz. Fault sensing of signal level is provided on the input and every output. Faults are indicated on the front panel LEDs, as well as via an Ethernet interface.

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### **Specifications**

### **Electrical Specifications**

•RF Output (15)

- Frequency 1 MHz – 20 MHz - Input level: 0 to 1 Vrms (13 dBm)

- Gain: 0 dB, jumper selectable -1 dB, 1 dB

or 2 dB

- Input/output impedance:  $50 \Omega$ - Isolation: >100 dB- Spurious distortion: <-80 dBc- Harmonic distortion: <-40 dBc- Connectors: BNC female

Additive SSB Phase Noise

Status

- Senses signal presence on all inputs and outputs

- Green/Red LEDs on front panel

- LED Indicators for 1 MHz, 5 MHz, and 10 MHz

Network interface
 Ethernet 10/100 Base T
 RJ 45 connector

Protocols: TCP/IP, UDP/IP, ARP, Telnet, DHCP, BOOTP, HTTP and AutoIP

#### **Environmental and Physical Specifications**

• Temperature: 0 °C to 50 °C

Humidity: 0 to 95% non-condensing

Power requirements

(AC Input): 90–264 VAC, 10 W, 47–63 Hz Dimensions: 1.75" (4.44 cm) H x 19" (48.26 cm) W

x 12" (30.48 cm) D

• Weight: 9 lb (4.10 kg)

#### **Standards**

Safety: IEC 61010-1:2010 / EN 61010-1:2010

EMC: EN61326-1 (2006) EMC Requirements for Measurement,

Control and Laboratory Equipment, Class A EN61000-3-2 (2006) +A1+A2 Harmonic Current

**Emissions** 

EN61000-3-3 (2008) Voltage Fluctuation and Flicker

**Emissions** 

## **Ordering Information**

(Contact Microsemi for pricing and availability) 4036B Standard Configuration TSC 4036B



Rear view



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