



# 4036B

## 1x15 RF Distribution Amplifier

### KEY FEATURES

- Low Phase Noise
- High Channel Isolation
- 15 Outputs
- Yields 225 Outputs at 2nd Level
- LED Status Indicators for All Inputs and Outputs
- Status Information via Ethernet
- Settable Gain

Symmetricom's 4036B is a 1-input, 15-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 1MHz to 20 MHz. Fault sensing of signal level is provided on the input and every output. Faults are indicated on front panel LEDs as well as via an Ethernet interface.



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## 4036B Specifications

### ELECTRICAL SPECIFICATIONS

- RF Output [15]

Frequency:	1 MHz – 20 MHz
Input level:	0 to 1 V rms (13 dBm)
Gain:	0dB, jumper selectable -1dB, 1dB or 2dB
Input/output impedance:	50 $\Omega$
Isolation:	>100 dB
Spurious distortion:	<-80 dBc
Harmonic distortion:	<-40 dBc
Connectors:	BNC female
- SSB Phase noise

1Hz	-135 dBc
10Hz	-145 dBc
100Hz	-155 dBc
1kHz	-163 dBc
10kHz+	-163 dBc
- Status
  - Senses signal presence on all inputs and outputs
  - Green/Red LEDs on Front Panel
  - LED Indicators for 5 MHz, 10 MHz, and Other
  - Network interface
    - Ethernet 10/100 Base T
    - RJ 45 Connector
    - Protocols: TCP/IP, UDP/IP, ARP, Telnet, DHCP, BOOTP, HTTP and AutoIP

### ENVIRONMENTAL & PHYSICAL SPECIFICATIONS

- Temperature: 0°C to 5°C
- Humidity: 0 to 95% non-condensing
- Power requirements (AC Input): 90 – 264 V AC, 10W, 47 – 63 Hz
- Dimensions: 1U (~1.75" / 4.44cm) x 19" (48.26cm) x 12" (30.48cm)
- Weight: 9 lbs (4.10 Kg)

### OPTIONS

- Low Alarm Threshold



Rear View



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