



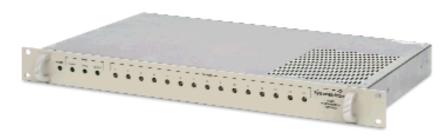
4036B

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.



4036B Specifications

ELECTRICAL SPECIFICATIONS

• RF Output (15)

Frequency: 1 MHz - 20 MHz Input level: 0 to 1 V rms (13 dBm)

Gain: OdB, jumper selectable -1dB, 1dB or 2dB

 $\begin{array}{lll} \mbox{Input/output impedance:} & 50 \Omega \\ \mbox{Isolation:} & >100 \mbox{ dB} \\ \mbox{Spurious distortion:} & <-80 \mbox{ dBc} \\ \mbox{Harmonic distortion:} & <-40 \mbox{ dBc} \\ \mbox{Connectors:} & \mbox{BNC female} \end{array}$

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 50°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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