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4036B

1x15 RF Distribution Amplifier



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
- CE compliant

The Symmetricom® 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: 0dB, jumper selectable -1dB, 1dB or 2dB
  - Input/output impedance: 50Ω
  - Isolation: >100 dB
  - Spurious distortion: <-80 dBc
  - Harmonic distortion: <-40 dBc
  - Connectors: BNC female
- Additive 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)

ORDERING INFORMATION

	Part No.
• 4036B Standard Configuration	TSC 4036B



Rear view

Symmetricom®

2300 Orchard Parkway
San Jose, California 95131-1017
tel: 408.433.0910 fax: 408.428.7896
www.symmetricom.com

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