

4036B

1x15 RF Distribution Amplifier



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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
- Setable gain
- CE compliant

The Microsemi® 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 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.

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, 10 W, 47 – 63 Hz
- Dimensions: 1U [–1.75" / 4.44 cm] x 19" [48.26 cm] x 12" [30.48 cm]
- Weight: 9 lb [4.10 kg]

ORDERING INFORMATION Part No.

- 4036B Standard Configuration TSC 4036B



Rear view



Microsemi

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DS/4036B/060314 900 00529 000B