

EOC Master 500

RF:

Used radio frequency: 2 to 65 MHz

Output Power: 15 dBm

Receiver sensitivity: -65 dBm

Input and output impedance: 75 ohm

Built-in low-pass filter: No

Management:

MME – Management Message Entries

Generic:

Chipset: AR7410/1500

SDRAM size: 32MB

Interface:

- RJ45 – 10/100/1000M adaptive Ethernet port
- F-socket – EoC link

LED:

- Power
- EoC Link
- Ethernet port

Standards: IEEE 802.3, IEEE 802.3x, IEEE 802.3u Auto MDI (X) IEEE 802.1P, IEEE 802.1Q

Agreement: TDMA / CSMA

Support: VLAN, QoS

Physical layer rate: 600 Mbps

MAC layer throughput (real speed): 250Mbps

Typical latency: 6ms

Modulation Schemes: OFDM 4096/1024/256/64/16/8 QAM, QPSK, BPSK and ROBO

Modulation Technology: Windowed OFDM

FEC Coding: Turbo Code Rate ½ or Rate 16/21 (punctured)

Individually controlled subcarriers: 2880

Maximal transmission distance: Theoretically 900m of plain coaxial cable (not tested)

Encryption mode: 128-bit AES encryption

Power:

Power supply: 5-12VDC

Power consumption: <6W

Dimension:

Dimensions: 155 (L) x 85 (W) x 45 (H)

Operating Temperature: 0 ~ 40 °C

Storage Temperature: -10 ~ 55 °C