Item no.: 311754

WLM54AP2 - WLM54AP26 400mW WLAN card 802.11a Super-A

25,⁶⁴ EUR

25,^{**64**} **EUR**

Item no.: 311754
shipping weight: 0.10 kg
Manufacturer: COMPEX

📄 Product Description

Compex WLM54A-26dBm (WLM54AP26) miniPCI network adapter offers high output power of 400 mW, allowing an extended range of wireless coverage. Combined with excellent receiver sensitivity, WLM54A-26dBm is the miniPCI choice for long distance links, or those where signal levels are reduced due to minor obstructions such as trees or buildings. WLM54A-26dBm supports Super A mode, which delivers better performance at higher throughput for your network connectivity.Built on Atheros chipsets, Compex WLM54A-26dBm miniPCI network adapter can be used for all IEEE 802.11a compatible WLAN in the 5GHz band. It is ideal for integration in a wide range of OEM devices.Features

- 5 GHz IEEE 802.11a standard
- High Output Power of Up to 26 dBm
- Dynamic Frequency Selection (DFS)
- Supports Atheros Proprietary Super Mode allowing for 108 Mbps Data Speeds
- Wireless Encryption and Authentication Supported
- Transmission Power Control (TPC)
- Extended Distances and High Speeds Due to Better Output Signal Power
- High Performance with Low Power Consumption
- Multi-Country Roaming Support (IEEE 802.11 d)
- MMCX (main), U.FL (aux) Antenna Connector
- Suitable for Embedded System or OEM Project
- Affordable and Ideal for a Variety of Applications

- Chipset: Atheros AR5414
- Host Interface: PCI Interface v 2.3 (Type III-B Mini PCI form factor)
- Operating Voltage: 3.3 VDC
- Power Consumption: 5 W
- Antenna Connector: MMCX (main), U.FL (aux)
- Standards
  - IEEE 802.11a: 54Mbps 48Mbps 36Mbps 24Mbps 18Mbps 12Mbps 9Mbps 6Mbps
  - Super-A: 108Mbps 96Mbps 72Mbps 54Mbps 48Mbps 36Mbps 24Mbps 18Mbps 12Mbps 6Mbps
- Frequency Range IEEE 802.11a
  - 5.150 ~ 5.350 GHz, 5.470 ~ 5.725 GHz, 5.725 ~ 5.850 GHz (US & Canada)
  - 5.150 ~ 5.350 GHz, 5.470 ~ 5.725 GHz, 5.725 ~ 5.875 GHz (Europe)
  - 5.150 ~ 5.250 GHz, 5.250 ~ 5.350 GHz, 5.470 ~ 5.725 GHz (Japan)
- Modulation Techniques: OFMD: BPSK, QPSK, 16 QAM, 64QAM
- Security: 64/128-bit WEP, TKIP, AES, IEEE802.1x authentication
- Certificate: FCC, CE
- ROHS Compliance: Yes
- Environment Specifications
  - Operating: -20 C to 70 C
  - Storage: -65 C to 100 C
- Humidity 5 % to 95 % (non-condensing)
- Dimensions: 59.6 mm x 46 mm x 8 mm
- Weight: 18 grams

📄 Specifications