

DLB2700 500mW Connectorized Radio



The DLB2700 500mW Connectorized radio features even more power than the high power DLB23xx line.

With twice the output power of the DLB23xx series, the DLB2700 is ideal for locations that are long distance or are located in a high noise environment.

The DLB2700 includes an integrated N female connector so that the professional WISP installer can choose the best certified antenna for the application.

Key Features

- ◆ Adjustable RF Output Power
- ◆ High Power Output for Long Range Radio Link
- ◆ PoE for Single Cable Installation
- ◆ Built-in Ethernet Surge Protection
- ◆ 802.11b/g Compliant
- ◆ Software Configurable Modes
 - ◆ Access Point (AP)
 - ◆ AP Client
 - ◆ AP + WDS, WDS Only
 - ◆ Universal Repeater
 - ◆ AP Router
 - ◆ AP Client Router (WISP Mode)
- ◆ Multiple Management Technologies
 - ◆ Web GUI
 - ◆ SSH
 - ◆ SNMP
 - ◆ Discovery Tool
- ◆ Up-to-date Security Technologies
 - ◆ 64bit & 128bit WEP
 - ◆ WPA Personal and WPA Enterprise with TKIP and / or AES
 - ◆ WPA2 / 802.11i
- ◆ Watertight and Weatherproof design
 - ◆ IP66/67
- ◆ VoIP-Friendly QoS
 - ◆ Bandwidth Management, IP ToS

Specifications

WLAN Standard

IEEE 802.11b
IEEE 802.11g

Radio Scheme

802.11g: OFDM (64QAM, 16QAM,
QPSK, BPSK)
802.11b: DSSS (CCK, DQPSK,
DBPSK)

Frequency Range

2.4 GHz ~2.497GHz

Number of Channels

North America: 11 Channels (US,
Canada)
ETSI: 13 Channels (Most European
Countries)
TELEC: 14 Channels (Japan)

RF Output Power stepping

802.11b: 20dBm (100mW) - 27dBm (500mW) @
11Mbps
802.11g: 17dBm (50mW) - 24dBm (250mW) @
54Mbps

Sensitivity

802.11g: -75 + 2dBm @ 54Mbps
802.11b: -84 + 2dBm @ 11Mbps

Data Rate

802.11g: 54 / 48 / 36 / 24 / 12 / 9 / 6
Mbps
802.11b: 11 / 5.5 / 2 / 1 Mbps

Operating Mode

Wireless Access Point
AP Client (Ethernet to WLAN Bridge)
WDS(Wireless Repeater; P-to-P,
P-to-MP Bridge)
Wireless Router
AP Client with Routing function
(WISP Mode)
Universal Repeater

Security

Password Protection
MAC Filtering
Hidden SSID Broadcast
64/128-bit WEP Encryption
WPA for 802.1x and WPA-PSK
WPA2 / IEEE 802.11i

Antenna Connector

N-Type

Power Supply

Power over Ethernet, 48V DC / 0.4A

Operating Environment

Temperature -30°C ~ 60°C
Humidity 10~90% (non-condensing)

Certification

FCC, CE

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