

BL3006F

BL3006F is outdoor Wireless LAN systems that offer excellent broadband communication in the temperature range of 0~60°C. This system is used for point-to-point radio frequency (RF) solution that connects multiple local area networks (LAN) among the different buildings. It supports up to 11Mbps data rate by incorporating DSSS(Direct Sequence Spread Spectrum) technology.

Specifications of ODU

Device Interface

Ethernet Interface : IEEE 802.3 10/100 Base T (RJ-45)

Wireless Network Connection

Standard: IEEE 802.11b

Frequency Range: 2400-2484 MHz

Data Rate : Supports up to 11 Mbps automatically

Throughput: 5Mbps Typical

Emission Type: Direct Sequence Spread Spectrum

Channel : 11 channels

Modulation : BPSK / QPSK / CCK

Output power : 26dBm

Protocols

Security: WEP Encryption 64-bit and 128-bit

Network: SNMP, TCP/IP, IPX/SPX, NetBEUI

Operating System Support

Supports Windows 98/Me/2000/NT/XP

Network Architecture

PTP Connection (point to point)

Power Requirements

Input: AC 100-264V, 50-60Hz

Physical Description

ODU (350 w × 95 d × 350 h) mm; 4.3 kg

Operating Environment

Operating Temperature : ODU (0 ~ 60°C)

Storage Temperature : -20 ~ 80°C

Humidity Range: 85 % , non-condensing

Specifications of Integrated Antenna

Gain

18dBi

Beamwidth

H17 E11

VSWR

≤1.4

Front to Back Ratio

>30

Impedance

50Ω

- Creates a Point-to-Point connection linking two LANs, using 2 Indoor Units or Indoor and Outdoor total solutions.
- Integrated antenna allows you for easy installing the Outdoor bridge.
- With a data rate of 11Mbps and 5.5Mbps, the system is faster than an E1/T1 data link.
- Features 11Mbps data rate by incorporating Direct Sequence Spread Spectrum technology.
- Fully IEEE 802.11b compatible. Allow inter-operation among multiple vendors.
- Technique operating in the unlicensed 2.4 GHz ISM band.
- Seamless roaming within the 802.11 & 802.11b wireless LAN infrastructure.
- Provides user authentication to enforce tight security.
- MAC address Access Control.
- Bandwidth control
- Advanced Security — 802.1x authentication (EAP)
- Provides Window-based configuration utility.
- Waterproof housing