

BL4012

BL4012 series 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 802.3 100/10 Base T (RJ-45)

Wireless Network Connection

Standard: IEEE 802.11b

Frequency Range: 5725-5850 MHz

Data Rate : Supports up to 11 Mbps automatically

Throughput: Max 5Mbps

Emission Type: Direct Sequence Spread Spectrum

Channel : 11 channels

Modulation : BPSK / QPSK / CCK

Output power : 0.2W

Protocols

Security: WEP Encryption 40-bit and 128-bit

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

Operating System Support

Supports Windows 98/2000/NT/XP

Network Architecture

PTP Connection (point to point)

LED Indicator

Power, Act, Signal Strength

Power Requirements

Input: AC 100-264V, 50-60Hz, 21W

Physical Description

ODU (280 w × 236 d × 116 h) mm; 2.8 kg

Operating Environment

Operating Temperature : ODU (0 ~ 60°C)

Storage Temperature : -20 ~ 80°C

Humidity Range: 85°C, non-condensing

Specifications of Detachable Antenna

KBNT5824-16 5.8GHz WLAN 24 dBi Panel Antenna

Frequency: 5725-5875MHz

Gain: 24 dBi

Impedance: 50 Ω

Beam width: H6 V6

Maximum Input Power: 50W

Lightning Protection: DC Ground

Connector: N type female

VSWR = 1.4

Dimension: 350 (H) x 350 (W) x 37 (D)mm, 1.2kgw

Rated Wind Velocity: 60 m/s

Mounting Hardware: F30-F70



KBNT5826-13 5.8GHz WLAN 26 dBi Grid Parabolic Antenna

Frequency: 5725-5875MHz

Gain: 26 dBi

Impedance: 50 Ω

Beam width: H6 V8

Polarization: Linear, Vertical

Front to Back Ratio: > 30 dB

Maximum Input Power: 200W

Lightning Protection: DC Ground

Connector: N type female

VSWR = 1.4

Dimension: Caliber 520 x 450 mm, 2.6kgw

Rated Wind Velocity: 60 m/s

Mounting Hardware: F30-F60

