



Product Overview

IgniteNet's MetroLinq™ 2.5 - 60 is the world's first cost-effective high capacity 60GHz PTP radio enabling high performance, interference-free connections worldwide. The MetroLinq™ 2.5 - 60 has an added advantage of being license-free in most markets globally, allowing ultra fast deployment without the hassle of other frequency bands requiring a license. The MetroLinq™ also includes a second 5GHz radio which can be configured as PtP (backup) to provide integrated redundancy without and additional hardware or complexity.

Key Features and Benefits

Interference-Free & Unlicensed Band

The IgniteNet™ MetroLinq™ 2.5 - 60 offers unprecedented performance - combining both the benefits of unlicensed band operation with no interference!

Dual Band 60GHz & 5GHz Operation

The MetroLinq™ 2.5 - 60 includes a second 5GHz radio which can be configured as a backup to the 60GHz to provide automatic failover during adverse conditions. This allows links to be extended further without effecting link availability

Powerful, Flexible Configuration

The MetroLinq™ Base Station can operate either as a stand-alone device or as a coordinated, cloud-managed device, easily meeting the requirements of any installation.

Robust Weather-Resistant Design

The MetroLinq™ Base Station features a hybrid metal/plastic design built to withstand the harshest environments including precipitation, hot/cold weather and high/low humidities.

Product Variants



35cm Size w/ 60GHz + 5GHz



19cm Size w/ 60GHz + 5GHz

Features

HARDWARE FEATURES

- ✓ 1x 2.5 Gigabit Ethernet Port (PoE IN 24-48v)
- ✓ 1x SFP Port
- ✓ 1x Screw Terminal Block (DC Power IN 24-48v)
- ✓ 1x USB 3.0 Port
- ✓ Dual flash image support

LEDs

- ✓ Power, Ethernet, Wireless, Health/Status

DIMENSIONS (L x W x H)

- ✓ 350 x 350 x 200 mm (ML-60-35)
- ✓ 190 x 190 x 120 mm (ML-60-19)

WEIGHT

- ✓ TBD

POWER

- ✓ 24-48V/1.5A passive Gigabit PoE or DC

OPERATING ENVIRONMENT

- ✓ Operating Temperature: -40C° to +70C°
- ✓ Store Temperature: -40C° to 70C°
- ✓ Operating Humidity: 10 to 90% non-condensing (RH)

REGULATORY / STANDARDS COMPLIANCE

- ✓ FCC/IC
- ✓ CE

RF PERFORMANCE (TX)

- ✓ 60GHz:
 - 14dBm @ 2.5Gbps
- ✓ 5GHz:
 - 27dBm @ 6Mbps, 23dBm @ 866Mbps

RF PERFORMANCE (RX)

- ✓ 60GHz:
 - 74dBm @MCS1; -60dBm @ MCS9
- ✓ 5GHz:
 - 94dBm @MCS0; -72dBm @ MCS15

KEY FEATURES

- ✓ 2.5+ Gbps Aggregate throughput; dynamically allocated (60GHz)
- ✓ Management VLAN support and VLAN pass-through
- ✓ Supports Service Provider and Enterprise type networks
- ✓ Stand-alone or Cloud-controlled operating modes
- ✓ Link failover/backup (60GHz + 5GHz) Per Client
- ✓ 128bit AES Encryption (standard; 5GHz, and 60GHz)
- ✓ SNMP Monitoring with Private MIB

APPLICATIONS

- ✓ Fixed Wireless Access (broadband)
- ✓ 3G/4G Backhaul
- ✓ Metro WiFi
- ✓ Campus Interconnection
- ✓ Hybrid Fiber/Wireless Networks

Ordering Information

Part Number	Description
ML2.5-60-35-XX	60GHz Outdoor + 5GHz w/ Int 42dBi (60GHz) & 22dBi (5GHz) antenna, 2500Mbps + SFP
ML2.5-60-35-1-XX	60GHz Outdoor + 5GHz w/ Int 42dBi (60GHz) & External 5Ghz, 2500Mbps + SFP
ML2.5-60-19-XX	60GHz Outdoor + 5GHz w/ Int 36dBi (60GHz) & 16dBi (5GHz) antenna, 2500Mbps + SFP
ML2.5-60-19-1-XX	60GHz Outdoor + 5GHz w/ Int 36dBi (60GHz) & External 5GHz, 2500Mbps + SFP

****XX is used to denote localization (US, EU, UK, CN)**

Contact



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