



ML1-60-35

MetroLinq One PTP-35cm 60GHz 5GHz 2.4GHz  
mmWave Bridge Radio**Integrated PoE**

PoE (non standard)

**Wireless Technology**802.11a , 802.11b , 802.11g , 802.11n , 802.11ac ,  
802.11ad**Ethernet Speed**

1Gbps

**Frequency Category**

2.4GHz , 5GHz , 60GHz

Stock Level: **Sorry! Out of stock!****\$389.00 + GST****Description**

IgniteNet MetroLinq One PTP-35cm 60GHz 5GHz 2.4GHz mmWave Bridge Radio. IgniteNet's™ MetroLinq™ One 60 is the world's first cost-effective high capacity 60GHz PTP radio enabling high performance, interference-free connections worldwide. The MetroLinq™ One 60 has an added advantage of being license-free in most markets globally, allowing ultra-fast deployment and without the hassle of other frequency bands requiring a license. The MetroLinq™ One 60 also includes a second 5GHz radio which can be configured as PtP (backup) to provide integrated redundancy without and additional hardware or complexity and additional 2.4GHz radio for remote access and configuration or local Wi-Fi coverage.

Build rock-solid and ultra-secure point-to-point or multiple-point-to-point links for the backhaul or last mile access and enjoy multi-gigabit in a noise-free 60GHz spectrum. Co-locate on a single tower without creating self-interference.

Connect MetroLinq One as clients to ML 10G Omni, ML 2.5G Beamforming sector or ML 60 LW base-stations and deliver fiber like wireless connectivity to stay competitive and grow the business. Preserve traditional ISM band for Wi-Fi access.

Use Stand alone or Use IgniteNet's Cloud Controller for remote management, monitoring and trouble-shooting of multiple networks at a time. Reduce operating expenses and increase customer satisfaction by solving problems without leaving the office.

**Features**

Universal bridge for PTP and PtMP applications  
Individual or Cloud-based controller management  
Tri-band radio 60GHz, 5GHz and 2.4GHz  
Robust Weather-Resistant Design

**Specifications****Details**

Manufacturer's Code	ML1-60-35
RF PERFORMANCE (TX)	60GHz: 14dBm @ 4.6Gbps OTA (1 Gbps aggregate), 5GHz: 26dBm @ 6Mbps, 21dBm @ 866 Mbps, 2.4GHz: 24dBm @ 6Mbps, 21dBm @ 400 Mbps
RF PERFORMANCE (RX)	60GHz: -74dBm @MCS1; -60dBm @ MCS9, 5GHz:

**Details**

	-92dBm @MCS0; -70dBm @ MCS15, 2.4GHz: -92dBm @MCS0; -70dBm @ MCS15
<b>HARDWARE FEATURES</b>	2x RPSMA connectors for external 2.4GHz antenna, 1x Gigabit Ethernet Port (PoE IN), 1x SFP port, 1x Screw Terminal (Power IN/OUT), 1x USB 2.0 Port, Dual flash image support
<b>LEDs</b>	Power, Ethernet, SFP, 2.5/5GHz, 60GHz
<b>DIMENSIONS (L x W x H )</b>	350 x 350 x 200 mm/ 13.78 x 13.78 x 7.87 inch (ML1-60-35)
<b>WEIGHT</b>	2.8 kg/ 6.17 lb without mount (ML1-60-35)
<b>POWER</b>	24-48V/1A passive Gigabit PoE, 17.5W max power consumption
<b>OPERATING ENVIRONMENT</b>	Operating Temperature: -30 to 55 C°/ -22 to 131 F, Store Temperature: -30 to 55 C°/ -22 to 131 F, Operating Humidity: 10 to 90% non-condensing (RH)
<b>REGULATORY / STANDARDS COMPLIANCE</b>	FCC/IC, CE

**Resources**

[Manufacturer Website](#)  
[Support & Downloads](#)

**Details**

<b>Mounting</b>	Pole Mount Bracket Not Included, see below for two options
<b>Power Supply</b>	24V DC PoE Power supply and Main Cable