



QuickBridge 60250



High-Capacity Wireless Backhaul

Proxim Wireless offers extremely reliable, secure and easily-deployed solutions for interconnecting corporate and telecommunications networks.

This portfolio includes:

- **GigaLink®** –
Alternative to fiber, up to Gigabit speed
- **Lynx.GX®** –
Cellular voice and data backhaul, up to DS3 interface
- **Tsunami.GX®** –
Carrier-class IP Ethernet bridge for voice and data backhaul for service providers and enterprise applications
- **QuickBridge™** –
Complete “hop-in-a-box” Ethernet bridge for campus and small business network.

Proxim Wireless is a global provider of scalable broadband wireless networking public safety solutions. From Wi-Fi to wireless Gigabit Ethernet – our WLAN, mesh, point-to-multipoint and point-to-point products are available through our extensive global channel networks.

Proxim Wireless is proud to introduce QuickBridge 60250, a point-to-point wireless bridge operating in the 60 GHz license-free band. It is a complete hop-in-a-box wireless bundle delivering 250 Mbps of robust connectivity up to 500 m. Its small form factor, alignment bracket, and alignment scope make the QuickBridge 60250 easy to deploy and install.

Complete “Hop-in-A-box” Allows Unprecedented Ease of Installation

Proxim QuickBridge 60250 bundle is one of the easiest to install broadband wireless bridge on the market. Requiring no training or wireless experience, can be installed within hours. Each solution includes everything needed to set up a link right out of the box.

- Hop-in-a-box solution includes radio units, mounting hardware, power injectors, and documentation.
- Ice bridge provides additional protection from rain, snow and ice formation.
- Ethernet cable is used for data and power.

Easy to Deploy

The QuickBridge 60250’s small integrated design enables easy deployment of the unit either indoor or outdoor. The alignment brackets facilitate installation and positioning due to allowable tilt angle. Finer alignment can be done with the alignment scope.

Application Versatility

Due to its low power consumption, QuickBridge 60250 can be easily powered by alternate power sources, such as solar power. QuickBridge 60250 can be effectively used in latency sensitive application like VOIP because of its low latency.

Flexible Management

Proxim’s QuickBridge 60250 offers flexible management and easy administration. To monitor the status and the traffic, users scan access the link statistics either via a web GUI or by integrating it into a network management tool via SNMP.

Key Features

- Small, compact size and weight
- Fast and easy deployment
- Extremely high link availability
- Low power consumption
- Single Ethernet cable for data and power
- Low latency
- Power over Ethernet (PoE)
- Easy status monitoring via HTML user interface and SNMP capabilities

Tsunami™ QuickBridge 60250

Technical Specifications

PRODUCT MODELS	
60250-QB-US	QuickBridge 60250 - 60 GHz, 100Mbps full duplex (200Mbps aggregate), 10/100BT, Integral 38dbi 6-inch antenna
RADIO & TRANSMISSION	
FREQUENCY BAND	57.05 to 64 GHz
FULL-DUPLEX BANDWIDTH	100 Mbps Full Duplex
RANGE	65 to 1640 feet (20 to 500 m)
RF INJECTION POWER INTO ANTENNA	1 mW
ANTENNA GAIN	38 dBi integral 6" square
TX FREQUENCY A	59.375 GHz
TX FREQUENCY B	62.225 GHz
CARRIER BANDWIDTH (3DB)	+/- 32 MHz
3DB BEAMWIDTH	2.5 degree
MOUNTING	Adjustable Precision, Azimuth and Elevation Mount
STANDARD MOUNT	Mast bracket for 2 in and 4.5 in diameter mast OD Pipe and Wall Mount
INTERFACES	
POWER AND DATA	RJ 45 in an inline, waterproof connector
ENVIRONMENTAL	
OPERATING TEMPERATURE	-45° to 55°C
STORAGE TEMPERATURE	-45° to 55°C
RELATIVE HUMIDITY	95% (non-condensing)
ELECTRICAL	
POWER SUPPLY	PoE 802.3 af
POE INPUT	100-250 VAC, 47-63 Hz
INPUT VOLTAGE AT POE INJECTOR	94 to 264 VAC, 50/60 Hz
MAXIMUM INPUT CURRENT	0.25 Amps
POWER CONSUMPTION	11 Watts
MANAGEMENT	
LOCAL	Web browser-based Configuration
REMOTE	SNMP
PHYSICAL	
DIMENSIONS PACKAGED	6.4" x 6.4" x 3.5" (terminal) package
WEIGHTS PACKAGED	7.7 pounds (terminal) package
REGULATORY	
ELECTROMAGNETIC	FCC - Part 15.255 (FCCID No. TTDSL60100) IC - 1856A-QB60250
WARRANTY	1 year
PACKAGE CONTENTS	Terminal A Terminal B Alignment Bracket (Qty 2) Ice Bridge (Qty 2) Manual RESET-CD Quick-Install Guide POE Injector (Qty 2) POE Cable (Qty 2) Outdoor Ethernet Cable 50m (Qty 2) Mast Bracket (Qty 2) Pole Mount (Qty 2)

APPLICATIONS

- LAN extension
- Redundant access
- Campus connectivity
- Disaster recovery
- Wireless backhaul
- Centralization of IT infrastructure
- Temporary connections during events