



PRODUCT	GigaLink® Series	Lynx®.GX Series	Tsunami®.GX Series	QuickBridge® 60250	QuickBridge®.11 Series
Description	Carrier and enterprise-class alternative to fiber – up to Gigabit speed	Cellular voice and data backhaul	Carrier-class IP Ethernet bridge for voice and data backhaul	High capacity, easy to deploy, small form factor, low power “hop-in-a-box” short range Ethernet bridge for campus, small business and municipal networks	High-capacity “hop-in-a-box” Ethernet bridge for campus, small business and municipal networks
Applications	<ul style="list-style-type: none"> • Campus LAN extension • Gigabit last-mile access • Gigabit Ethernet redundant link • Extension of fiber network 	<ul style="list-style-type: none"> • PBX campus extension • High-capacity voice network redundancy 	<ul style="list-style-type: none"> • Enterprise LAN and building-to-building network extensions • Backhaul for municipal broadband and service provider networks • ISP remote POP 	<ul style="list-style-type: none"> • Enterprise LAN and building-to-building network extensions • Campus voice PBX extensions • Backhaul for municipal networks 	<ul style="list-style-type: none"> • Backhaul to central POP • Repeater to extend distance or overcome path blockage in wireless broadband network • Inter-POP redundancy to avoid downtimes caused by wireline backhaul failure
Environments	<ul style="list-style-type: none"> • Enterprise networks • Service provider networks 	<ul style="list-style-type: none"> • Cellular service providers • Enterprise circuit-switched networks 	<ul style="list-style-type: none"> • Enterprise networks • Service provider networks • Municipal broadband networks 	<ul style="list-style-type: none"> • Enterprise campus networks • Municipal broadband networks • Service provider networks 	<ul style="list-style-type: none"> • Enterprise campus networks • Service provider networks • Public safety networks
Key Features	<ul style="list-style-type: none"> • Available in Gigabit Ethernet, Fast Ethernet and SONET versions • License-free (in U.S.), low congestion frequency band (60 GHz) ranges up to 1 km • Licensed 74 GHz E-band delivers connectivity up to 8 km • Narrow beamwidth and proprietary RF protocol maximize security 	<ul style="list-style-type: none"> • High-capacity, license-free, cost-effective connectivity in a variety of telecommunications interfaces • Carrier-class reliability: 99.999% • Indoor-only or indoor/outdoor installation options provide deployment flexibility 	<ul style="list-style-type: none"> • High-capacity, license-free and cost effective • Guaranteed capacity from 16 Mbps to 102 Mbps full duplex • Carrier-class reliability: 99.999% • Indoor-only or indoor/outdoor installation options provide deployment flexibility 	<ul style="list-style-type: none"> • High-capacity, license free operation • Carrier class reliability: 99.999% • Low latency and low power consumption • Compact design is easy to install and deploy either indoors or outdoors 	<ul style="list-style-type: none"> • Delivers 1.5 to 54 Mbps data rates • Supports 5/10/20 MHz channels designed to mitigate radio interference in unlicensed frequency spectrums • High-capacity, WiMAX QoS • Complete “hop-in-a-box” ensures easy installation and quick return on investment
SPECIFICATIONS				operation	
Frequency Band	<ul style="list-style-type: none"> • 57.05 - 64 GHz • 71 - 76 GHz (7451e only) 	<ul style="list-style-type: none"> • 5.725 - 5.850 GHz 	<ul style="list-style-type: none"> • 5.250-5.350 GHz • 5.725-5.850 GHz 	<ul style="list-style-type: none"> • 57.05 - 64 GHz 	<ul style="list-style-type: none"> • 2.4 - 2.497 GHz • 4.940 - 4.990 GHz • 5.15 - 5.35 GHz • 5.47 - 5.725 GHz • 5.725 - 5.850 GHz
Duplex Method	FDD	FDD	FDD	•FDD	TDD
Aggregate Throughput	125 Mbps - 1.25 Gbps	12 Mbps - 50 Mbps	32 Mbps - 216 Mbps	200 Mbps	30 Mbps
Interface	<ul style="list-style-type: none"> • 100FX • OC3 • OC12 • 1000FX 	<ul style="list-style-type: none"> • T1: DSX1/RJ-45 • E1: BNC • Aux data: Ethernet, RS232 	<ul style="list-style-type: none"> • 10/100 Base-T • 10/100 Base-FX • 2 x wayside T1/E1 	<ul style="list-style-type: none"> • 10/100 Base-T • RJ-45 	<ul style="list-style-type: none"> • 10/100 Base-T • RJ-45
Form Factors	<ul style="list-style-type: none"> • ODU with integrated antenna per end point, complete with mounting kit, power supply and management software 	<ul style="list-style-type: none"> • Split-box design, IDU and indoor/outdoor RFU 	<ul style="list-style-type: none"> • Split-box design, IDU and indoor/outdoor RFU 	<ul style="list-style-type: none"> • ODU with integrated antenna per end point, complete with alignment bracket, ice bridge, mounting kit, power supply and cable 	<ul style="list-style-type: none"> • ODU with integrated antenna per end point; complete “hop-in-a-box” kit including mounting kit, power supply and cable

For detailed technical specifications, please visit <http://www.proxim.com/products/bwa/point/>