



PRODUCT	GigaLink®	Lynx®.GX	Tsunami®.GX	TeraBridge™	QuickBridge®.11 2454-R QuickBridge®.11 5054-R
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	Municipal-class broadband wireless bridge	High capacity “hop-in-a-box” Ethernet bridge for campus and small business 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"> • Municipal or service provider backhaul • Enterprise metropolitan or regional network • School district access sharing 	<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"> • Municipal broadband networks • Enterprise networks • Education markets 	<ul style="list-style-type: none"> • Enterprise campus networks • Service provider 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 • 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"> • Available in 45 Mbps (90 Mbps aggregate), full duplex version • License-free radio operation in the UNII 5.3 GHz range for short to medium ranges or ISM 5.8 GHz bands for up to 40 miles with a choice of either DS3 or Ethernet 	<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					
Frequency Band	57.05 - 64 GHz	5.725 - 5.850 GHz	5.250-5.350 GHz 5.725-5.850 GHz	5.250-5.350 GHz 5.725-5.825 GHz	2.4 - 2.497 GHz 5.15 - 5.35 GHz 5.47 - 5.725 GHz 5.725-5.850 GHz
Duplex method	FDD	FDD	FDD	FDD	TDD
Max Throughput*	125 Mbps - 1.25 Gbps	4T1, 4E1, 8T1, 8E1, 16T	16 Mbps - 102 Gbps full duplex	45 Mbps full duplex	40 Mbps
Maximum Range*	0.75 miles (1390 m)	36 miles (55 km)	44 miles (70 km)	40 miles (64.3 km)	9.8 miles (15.7 km)
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 	<ul style="list-style-type: none"> • 10/100 Base-TX • RJ-45
Form Factors	<ul style="list-style-type: none"> • ODU for each side, 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 per end point, complete with mounting kit, power supply and jumper 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/>

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