



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

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