

Proxim Products At A Glance:

Lynx Point-to-Point Solutions



Why Lynx?

- Reliable
- Secure
- Fast payback versus leased lines
- Easy installation
- Wide range of high-performance solutions
- License-exempt technology for immediate deployment
- Over 60,000 nodes installed worldwide

Target Customers

Service Providers:

- Wireless Service Providers (mobile operators and WISPs)
- Wireline Service Providers (ILECs, CLECs & DLECs)
- MTU/MDU/MBU Service Providers (BLECs)

Enterprise Circuit-Switched Networks:

- Utilities and Railroads
- Federal, State and Local Government Agencies
- School Districts, Colleges and Universities
- Businesses
- Medical Centers and Hospitals

Applications

- Voice and Data Backhaul: backhaul at the network edge, cell site interconnectivity, fiber/network redundancy and backbone connection
- Campus Networking: for inter-building extension of LANs or PBX systems
- Disaster Recovery: Redundancy for fiber/network and cellular networks

Services

All products come with a 24 month limited equipment warranty. One, two and three year ServPak Service packages are available for all Lynx products. ServPak packages include:

- 24x7 Technical Support
- Next Business Day Hardware Replacement
- Software Upgrades
- Priority Phone Queuing

More information on ServPak is available on www.proxim.com/support/servpak

Product Line	Lynx.GX 4T/4E	Lynx.GX 8T/4E	Lynx.GX 16T/16E
Capacity (with wayside)	4xT1/E1	8xT1/E1	16xT1/E1
Frequency Band (MHz)	5725-5850	5725-5850	5725-5850
Order Number	62291 & 62292 64749 & 64751 62294 & 62295	62139 & 62142 62144 & 62145	62284 & 62286
Frequency Channel Pairs	3	2	1
Primary Interface	T1: DSX-1 / RJ-45; E1: BNC	DSX-1 / RJ-45	DSX-1 / RJ-45
Auxiliary Data Interface	Ethernet, 200 Kbps RS232, 19.2 Kbps	Ethernet, 200 Kbps RS232, 19.2 Kbps	Ethernet, 200Kbps RS232, 19.2 Kbps
Chassis Type	IDU & RFU	IDU & RFU	IDU & RFU
Output Power (at maximum setting)	≥ 23.5 dBm	≥ 23.5 dBm	≥ 23.5 dBm
Threshold (BER=1x10 ⁻⁶)	-88 dBm	-86 dBm	-83 dBm
Range* (miles/km)	> 36 / 58.1	> 32.8 / 52.9	> 27.6 / 44.5
Management	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port

* Actual achievable distance can be greater. Distance calculation based on the following assumptions: USA (FCC) regulations applied for EIRP limits, 99.999% one-way availability using a 6-foot parabolic antenna at each end, 100' of 5/8" coaxial transmission line for all IDU installations. Split-radio designs (IDU & RFU) assume RF Unit (RFU) is mounted next to antenna. Average terrain and climate conditions with proper path clearance.

Not all products are certified for use in all countries. Contact Proxim or your local reseller for more information.



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