

Proxim Products At A Glance:

Tsunami Point-to-Point Product Families



Product	Tsunami 480	Tsunami.GX 200	Tsunami.GX 90	Tsunami.GX 90	Tsunami 45	Tsunami.GX 32
Aggregate Capacity	> 870 Mbps	216 Mbps	96 Mbps	96 Mbps	93 Mbps	32 Mbps
Full Duplex Data Capacity**	> 430 Mbps	100 Mbps	48 / 46.5 / 45 Mbps	48 / 46.5 / 45 Mbps	45 Mbps	16 / 14 / 12 Mbps
Additional T1/E1 (wayside)	4xT1	2xT1/E1	0 / T1 / 2xT1	0 / T1 / 2xT1	T1	0 / T1/E1 / 2xT1/E1
Frequency Band (MHz)	5250-5350 and 5725-5825	5725-5850	5250 - 5350	5725 - 5824	21200 - 23600 Low or High Power	5725 - 5825
Frequency Channel Pairs	1	1	1	1	24	2 or 3
Primary Interface (Ethernet)	1000BaseF(SX)	100BaseT/F	100BaseT/F	100BaseT/F	100BaseT/F	100BaseT/F
Network Interface	Fiber SC	Fiber SC & RJ-45	Fiber SC & RJ-45	Fiber SC & RJ-45	Fiber SC & RJ-45	Fiber SC & RJ-45
Chassis Type	Split-box: IDU, RF Unit	Split box: IDU, RF Unit	Split-box: IDU, RF Unit	Split-box: IDU, RF Unit	Split-box: IDU, RF Unit	Split-box: IDU, RFUnit
Output Power (at maximum setting)	≥ 10 dBm	>19 dBm	≥ 13 dBm	≥ 23.5 dBm	≥ 17 dBm / ≥ 23 dBm	≥ 23.5 dBm
Threshold (BER=1x10 ⁻⁶)	-73 dBm	>-73 dBm	-80 dBm	-80 dBm	-77 dBm	-86 dBm
Range* (miles/km)	> 6.4 / 10.3	> 20 / 32.3	> 8.4 / 13.5	> 33.7 / 54.4	> 4.0 / 6.5 or > 7.0 / 11.3	> 42/ 67.6
Management	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port	SNMP, HTTP, External alarm port
Order Number	301-27900-G1	Low Band: 66768 High Band: 66769	66722 and 66723	67255 and 67254	301-27400-51H/L	64765 and 64766

* Actual achievable distance can be greater. Distance calculation based on the following assumptions: USA (FCC) regulations applied for EIRP limits, 99.995% 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.

** on primary interface



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