



## RocketLink-G G.SHDSL NTU Model 3088

The Model 3088 RocketLink-G NTU is a low-cost, manageable and software upgradeable G.SHDSL NTU designed for service providers needing transparent last-mile telecom, data, and IP/Ethernet service delivery.

### nx64 Rates to 4.6 Mbps

With multiple full-duplex symmetric rates available, users select the bandwidth option they need.

### Low Cost Fixed Interfaces

Multiple interface options to choose from: T1/E1 (G.703/G.704), X.21, and V.35.

### Local and Remote Loopbacks

Loopbacks add a powerful troubleshooting tool for determining line quality

### Software Upgradeable

Software upgrades make it easy to keep the RocketLink-G in service for years

### Standalone or Rack Solutions

Available in desktop and high density SNMP managed racks

### NetLink Plug 'n' Play

Just plug them in and the link comes up in seconds. Set the unit to use G.Handshaking and the selection of optimal link speeds can also be done

### Local and Remote Console

With remote console, any Patton G.SHDSL modem (3096RC or 3088) can be used to manage the remote CPE modem

Patton's Model 3088 G.SHDSL RocketLink-G NTU is the perfect choice for users or service providers who need high-speed dedicated network connections. Based on the ITU and ETSI G.SHDSL G.991.2 standard, the RocketLink-G NTU enables providers to extend their reach-and-range by delivering rate-adaptive nx64 symmetrical speeds from 64 kbps to 4.6 Mbps—all over a single pair of wires.

The RocketLink-G uses Patton's NetLink Plug-and-Play features to remove any CPE configuration issues when used with any Patton CO concentration solution, even another 3088 NTU. Just set the units to their default mode and plug them in. The remote modem configures automatically and the link is up and running in seconds. With support for remote console link configuration

changes and operating statistics are available via the out-of-band EOC channel. Remote and local loopback adds to the manageability of the link. Use remote console when deploying RocketLink-G NTUs either back-to-back or with a ForeFront system to improve the manageability of the CPE.

The Model 3088 is available with V.35, X.21, T1/E1 and 10/100Base-T Ethernet interfaces. The V.35 interface is presented on an female DB-25 connector. The X.21 is presented on a female DB-15 and is DTE/DCE selectable. The T1/E1 interface is presented on an RJ-48C and optional dual BNC connector. It operates as a channelized interface allowing for fractional T1/E1 configurations (G.703/G.704).

Visit [www.patton.com](http://www.patton.com) for more information.



T1/E1



X.21



V.35



10/100 Ethernet

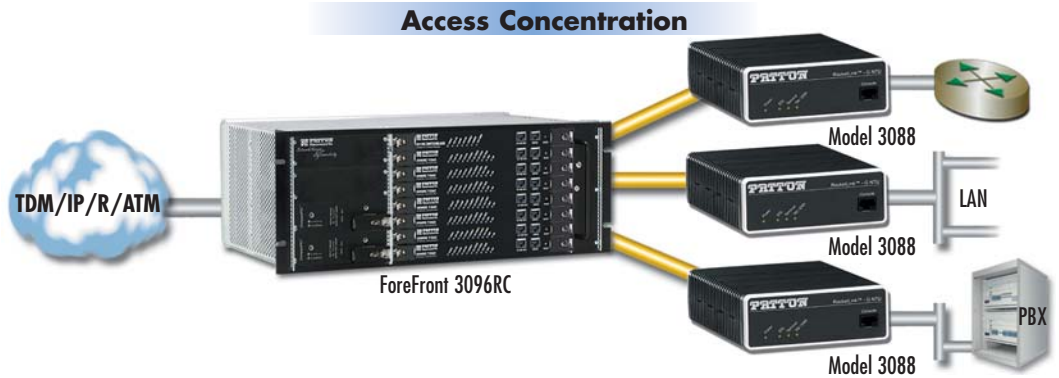
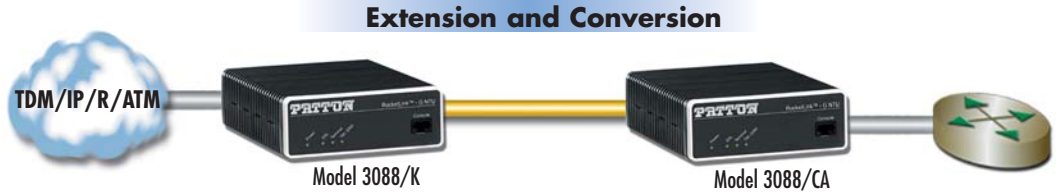


2U-high rack card version available

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## Application

- ✓ The Model 3088 RocketLink-G NTU excels in manageability even in point-to-point configurations.
- ✓ NetLink Plug-and-play automatically configures a remote unit based on parameters stored in the local unit.
- ✓ Secure console lets an operator log into a unit to manage and configure it locally.
- ✓ Remote console makes configuration and management of a remote unit easy over an out-of-band channel.
- ✓ RocketLink-G NTUs are software upgradeable from the console port.
- ✓ When attached to a ForeFront AIS, the RocketLink-G can be managed via an SNMP proxy.



## Specifications



**3088**



**3088RC**

	3088/CA	3088/D	3088/K	3088/I	3088RC/AI	3088RC/D/V	3088RC/K/K	3088RC/C/IA
<b>DCE Interface</b>	V.35	X.21	T1/E1	Ethernet	V.35	X.21	T1/E1	Ethernet
<b>Power Supplies</b>	External power supply options: Universal 90-260 VAC operating from 50-60Hz; 120 VAC/60Hz; 240 VAC/60Hz; -48VDC				AC or DC rack power supplies used with 1001 Series rack			
<b>Dimensions</b>	4.7 x 1.52 x 5.0 in. (10.6 x 3.9 x 12.7 cm)				3.0 H x 0.83 W x 7.84 D inch (7.6 H x 2.1 W x 19.0 D cm)			
<b>Testing Parameters</b>	V.52 511/511E Pattern generator with RDL; LAL							
<b>Clocking</b>	Internal, Network or Receive Recover							
<b>Line Coding</b>	TC-PAM 16 for rates from 64 kbps to 2.3 Mbps; TC-PAM 32 for rates above 2.3 Mbps; Annex A & B							
<b>Line Interface</b>	RJ-11; Two-wire (single twisted pair)							
<b>Management</b>	DIP Switch, console, remote console or proxy SNMP from a Central Office ForeFront							
<b>Front Panel Indicators</b>	LEDs for DSL link, Transmit/Receive data, no signal, loop test errors, and test mode indication							
<b>Compliance</b>	FCC Part 15A, CE Mark, EMC Directive 89/336/EEC, Low-Voltage Directive 73/23/EEC							
<b>Environment</b>	Operating Temperature: 32 to 122°F (0 to 50°C); Humidity: 5 to 90% non-condensing							

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