

Stinger® DSL Access Concentrator 48-Port Line Protection Module with Splitters



Each line protection module (LPM) safeguards the performance of a corresponding Stinger® line interface module (LIM) by providing vital surge protection and electrical isolation. The LPM's built-in POTS splitters cut costs and streamline integration with existing infrastructure, while line protection for all line interface modules gives the Stinger® Access Concentrator the robust performance expected from a true carrier-class product—and eliminates the need to re-cable when LIMs are replaced.

Applications

All broadband services supported by the Stinger® FS+/FS, CR, LS and RT Access Concentrators, including:

- High-performance business-class data services, including intranets, extranets and fast Internet access
- Residential broadband data services for Internet access, telecommuting and bundled service offerings

Features

- **Built-in POTS splitters**—Enable POTS traffic to be transported on the same line as DSL traffic, eliminating the need for an external splitter
- **48-port capacity**—Supports 48 DSL subscribers per LPM
- **64-pin Tyco connectors**—Provides for physical copper connection to the end subscriber and splitter connectivity for POTS
- **Signal coupling and electrical isolation**—Protects against surges and fluctuations on the subscriber loop
- **Test access to ADSL copper loop**—Simplifies provisioning with integrated relays for test out access to the end-user

Benefits

- **Decreased subscriber downtime**—LPMs eliminate voltage transients that can interfere with high performance
- **Support for SLAs**—With the increased reliability provided by LPMs, SLAs can be offered that enable higher-value services
- **Reduced CAPEX and OPEX**—Integrated POTS splitters eliminate the need to purchase external equipment; rack and floor space costs are minimized
- **Better revenue protection**—By preventing interruption of service to Stinger® LIMs, the LPMs keeps revenue streams flowing
- **Simplified network management**—Built-in POTS splitters reduce the number of network elements to manage, simplifying maintenance and provisioning are easier



Technical Specifications

Description

Specifications

1. Dimensions

Stinger® FS+/FS:	Height: 15 in (38.1 cm)
	Width: 1.06 in (2.69 cm)
	Depth: 5 in (12.7 cm)
Stinger® LS/RT/CR:	Height: 15 in (38.1 cm)
	Width: 1.06 in (2.69 cm)
	Depth: 9 in (22.8 cm)

2. Weight

Stinger® FS+/FS:	1.6 lbs (0.7 kg)
Stinger® LS/RT/CR:	2.6 lbs (1.2 kg)

3. Operating Requirements:

Temperature:	
Stinger® FS+/FS/LS:	32° – 131° F (0° – 55° C)
Stinger® RT:	-40° – 149° F (-40° – 65° C)
Stinger® CR:	-40°C to 46°C (-40°F to 114.8°F)
Relative Humidity:	10% – 95% (non-condensing)
Operating Altitude:	Up to 13,123 ft (4,000 m)

4. Electromagnetic Compliance

	FCC Part 15 Class A
	EN55022 Class A
	AS/NZS 3548 Class A
	VCCI Class 1
	CISPR Class A
	ICES 003 Class A

5. Certification

	Telcordia GR-63-CORE (NEBS Level 1-3)
	Telcordia GR-1089-CORE

6. Connectors

	3 – 64 pin Tyco (cable provided for conversion to 4 – RJ21X, 50 pin connectors)
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7. Model Numbers

Stinger® FS+/FS:	STGR-LPM2-48-S
Stinger® LS:	STGRLR-LPM2-48-S
Stinger® RT:	STGRLR-LPM2-48-S
Stinger® CR:	STGRCR-LPM2-48-S

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