



Description

Phy-FiXX™ is a revolutionary and advanced physical layer management suit providing enterprises with the ability to manage their Physical Layer infrastructure with a level of visibility & integration unique in the structured cabling industry. Using a combination of software, electronics and structured cabling products, Phy-FiXX™ enables users to track and manage their investment from planning through to design, procurement, installation, moves, adds and changes (MACs) and the eventual upgrade of the infrastructure, thereby spanning its entire lifecycle.

Phy-FiXX™ scanners monitor activity on a Phy-FiXX™ enabled system. Each 1U scanner can be connected to up to 48 patch panels providing monitoring of up to 576 separate physical channels. Standard RJ45 patch cords are used as the data bus connection between scanners and patch cords.

Phy-FiXX™ scanners can be configured and activated independently of the software. When the Phy-FiXX™ application software is connected to the scanner, the scanner “discovers” active hardware and devices on the network and uploads this information onto the Phy-FiXX™ application software. Scanners monitor the connection state of Phy-FiXX™ channels and pass state change data to the Phy-FiXX™ application software. This triggers Phy-FiXX™’s smart polling function which queries the specific outlet and updates the software. In the event that the Phy-FiXX™ application cannot communicate with a scanner, the scanner records transactions in a queue for later delivery to the Phy-FiXX™ software. Scanners recover from power outages without requiring reconfiguration. Phy-FiXX™ scanners consume little power, which can be critical in power-hungry environments such as Data Centers.

Accessories

- Each scanner is supplied with one International 19-inch mounting kit.
- A standard IEC 60320 power cord (comprising a power plug and C13 Plug/outlet) is required but not included.

MANAGEMENT

- HTTP
- SNMP (read-only)

EMC

- EN-55022, Class B (Europe)
- FCC Part 15, Class B (USA)

SAFETY

- UL 60950-1
- IEC 60950-1
- CSA 60950-1

Benefits & Features

- Support up to 48 patch panels, 576 cross-connect or 1152 interconnect separate physical channels.
- Smart polling enables continuous updating of Phy-FiXX™ with minimal impact to the network.
- Simple scanner configuration.
- Auto discovery of active hardware/devices & automatic database population.
- Mission critical port disconnection alerts.
- Trace to device location.
- High density scanner enables rack space to be maximized.
- Low power consumption with no specific fans or cooling required.
- Automatic Rediscovery/Re-synchronization after outage or system failure.
- Transaction queues record events for later delivery if the scanner is disconnected from the Phy-FiXX application.
- Scanner can be tested and activated independently of software activation.
- Data bus connection between the scanner and patch panel is via an industry standard RJ45 patch cord.

ELECTRICAL & POWER PROPERTIES

Max. Power Consumption	30 Watts
Universal AC Input	110-240VAC, 50-60Hz
Heat Generated	12 BTU/Hour
Insulation Resistance	100 MegaOhm min @ 500 Vdc

GENERAL PROPERTIES

Material of Construction	CRS (cold rolled steel) 1.52 mm thickness.
Coating and Color	Black powder coated finish
Storage Conditions	-10 to 60°C, 10 to 95% Relative Humidity non-condensing
Installation and Operation Conditions	0 to 50°C, 15-90% Relative Humidity non-condensing
Packaging	One unit per box.
Shipping Weight	4 Kg

ORDERING INFORMATION

HCS P/N	Description	Dimensions mm			Shipping Weight Kg	Units
		H	W	D		
PB-PF48-0800	Phy-FiXX™ 576 Channel Scanner	44	483	216	4.0	1U