SYSTIMAX®
SOLUTIONS

SYSTIMAX® VisiPatch™ System

Certified SYSTIMAX® GigaSPEED® XL Component

Revolutionary Patch Panel System designed by SYSTIMAX Labs.

The SYSTIMAX VisiPatch™ System features state-of-the-art, reliable IDC technology for optimum patch cord organization and management. The system features a unique reverse-direction patch cord design, integrated cable management and increased density for a neat, cordless appearance, and quick and efficient ongoing moves, adds and changes. Wall-mounting hard-ware saves space in the telecommunications room, and snap-together components speed installation time. Rack-mounting hardware is also available.

Solutions Supported
- GigaSPEED XL Solutions
- PowerSUM Solutions

Features and Benefits

- Fast, easy installation with low operating costs
- Innovative reverse patch cord design
- Neat, cordless appearance
- Improved density to free valuable space

- Proven SYSTIMAX SCS performance
- Snap-together components
- Integrated patch cord management
- 4-pair Patch Cord Certified GigaSPEED XL component

SYSTIMAX® Structured Connectivity Solutions

Performance Specifications

	VisiPatch GS3 Patch Cord (4 Pair)	XL7 Solution	XL8 Solution
		GigaSPEED Channel (4 Connectors)	
	Typical Worst Pair Margin*	Guaranteed Margin**	Guaranteed Margin**
Insertion Loss	75.0%	5.0%	7.5%
NEXT	3.9 dB	6.0 dB	7.0 dB
PSNEXT	4.8 dB	7.5 dB	8.5 dB
ELFEXT	16.2 dB	6.0 dB	8.0 dB
PSELFEXT	14.9 dB	8.0 dB	10.0 dB
Return Loss	3.8 dB	4.0 dB	4.0 dB
Frequency Range	1-250 MHz	1-250 MHz	1-250 MHz

*   Typical worst pair swept margin when measured with a VisiPatch IDC termination block.

** Guaranteed margin is valid at any frequency from 1-250 MHz for a SYSTIMAX certified channel comprising GigaSPEED XL apparatus and 71E series cable (GigaSPEED XL7 Solution) or 81A series cable (GigaSPEED XL8 Solution). Values represent margin over the draft Category 6/Class E channel specifications.

The VisiPatch System keeps more cords neatly organized in less space than ever before possible, to simplify administration and reduce operating costs.

The Revolutionary VisiPatch System

The VisiPatch mounting system features highstrength structural foam technology. Its patented wall-mounting components easily snap together to form a strong U-shaped channel. This revolutionary system is now available in two sizes to fit your particular space and expansion requirements.

Stackable, lightweight back panels hold 4 or 12 wiring blocks and provide better retention and tiedown points for cable routing. Wiring blocks snap on to the back panel and accept 28 conductor pairs. Slots and grooves allow versatile cable management, keep the cable jacket close to the termination point and permit technicians to maintain the tight twist of pairs required for high-speed systems. Seven connecting blocks can now be accommodated, instead of six. The wiring block accepts 4- and 25- pair cables, and can serve as a work shelf during cable terminations.

Each VisiPatch kit includes a cover plate that snaps directly on to the wiring block and protects the terminated cables. It also accommodates a large labelholder to make circuit identification easy, and serves as a positive attachment point for the 4-pair patch cord. The cover plate and wiring block provide a built-in horizontal patch cord management trough.

Each kit also includes a label holder that snaps onto the cover plate and accepts any of nine colored labels. Custom label printing is also available from the SYSTIMAX Web site.

Innovative molded-plastic rings snap directly onto the back panel to improve vertical patch cord management, eliminating the need to install traditional vertical cable management panels. Horizontal cord management is available either at the bottom of the frame with the traditional wiring trough or at any other location using the new universal trough.

Organize your Cords

The VisiPatch System features a patented connector design that neatly routes cordage back toward the wall and the VisiPatch panel. The connector snaps on with an audible click and features an anti-snag device, which lets you remove the cord easily from the panel. In addition, the front face of the 4-pair connector has a 1 x 3/8 in. (2.54 x 0.95 cm) labeling surface for easy identification.

VisiPatch Patch Cords are available in 1-, 2- and 4-pair configurations in standard lengths from three to fifteen feet. Custom lengths are available by special order. For convenient connection with modular components, the VisiPatch 119 Adapter Cord has a 4-pair VisiPatch plug on one end and an 8-Pin RJ45 plug on the other end.

Specifications

	112-pair VisiPatch Kit Material ID: 108 836 792	336-pair VisiPatch Kit Material ID: 108 561 143
Height	7.25 in. (18.40 cm)	21.6 in. (54.90 cm)
Width	8.50 in. (21.59 cm)	8.50 in. (21.59 cm)
Depth	7.50 in. (19.05 cm)	7.50 in. (19.05 cm)
Pairs per row	28	28
Pairs per back panel	112	336
Patch cords per row	7 (4-pair cords)	7 (4-pair cords)

Ordering Information: VisiPatch Field Terminated Kits

	112-pair VisiPatch Kit Material ID: 108 836 792	336-pair VisiPatch Kit Material ID: 108 561 143
Kit Contents	Quantity	Quantity
Back panel half bases	2	2
Wiring blocks	4	12
Designation covers	4	12
Connecting blocks	30	84
Label holders	4	12
White labels	12	12
Instruction sheet	1	1

Ordering Information: VisiPatch Patch Cords

	1-pair GigaSPEED Patch Cords	2-pair GigaSPEED Patch Cords	4-pair GigaSPEED* Patch Cords	119 Adapter Cords* (EIA/TIA T568B)
Length	Material ID	Material ID	Material ID	Material ID
3 ft. (0.915 m.)	108 535 576	CPC5552-03F003	CPC5512-03F003	CPC5312-03F003
5 ft. (1.525 m.)	108 535 592	CPC5552-03F005	CPC5512-03F005	CPC5312-03F005
7 ft. (2.135 m.)	108 535 618	CPC5552-03F007	CPC5512-03F007	CPC5312-03F007
9 ft. (2.745 m.)	108 535 634	CPC5552-03F009	CPC5512-03F009	CPC5312-03F009
12 ft. (3.660 m.)	108 535 642	CPC5552-03F012	CPC5512-03F012	CPC5312-03F012
15 ft. (4.575 m.)	108 535 659	CPC5552-03F015	CPC5512-03F015	CPC5312-03F015

* The cords are part of the GigaSPEED XL Solution.

Ordering Information: VisiPatch System Accesories

Description	Material ID
Accessories	
Universal Trough	108 836 834
Universal Trough Kit (includes small back panel)	700 012 990
Trough Cover	108 593 203
Distribution Ring	108 523 937
Rack Mount Bracket (19-inch)	108 634 429
Installation Spacer	108 637 612
Spacer Duct	700 032 766
Horizontal Duct	108 637 737
Wall Mount Bracket	108 688 946
Ground Bar	108 561 135
Replacement Kits	
Connecting Block Replacement Kit	108 538 612
Label Holder Replacement Kit	108 738 113
Identification Labels (96 per package)	
Yellow Labels	108 528 407
White Labels	108 528 415
Gray Labels	108 528 423
Red Labels	108 528 431
Purple Labels	108 528 449
Green Labels	108 528 456
Orange Labels	108 528 597
Blue Labels	108 528 464
Brown Labels	108 528 472

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