

SYSTIMAX®

SOLUTIONS

SYSTIMAX® VisiPatch™ 1Pr Field Termination Kit

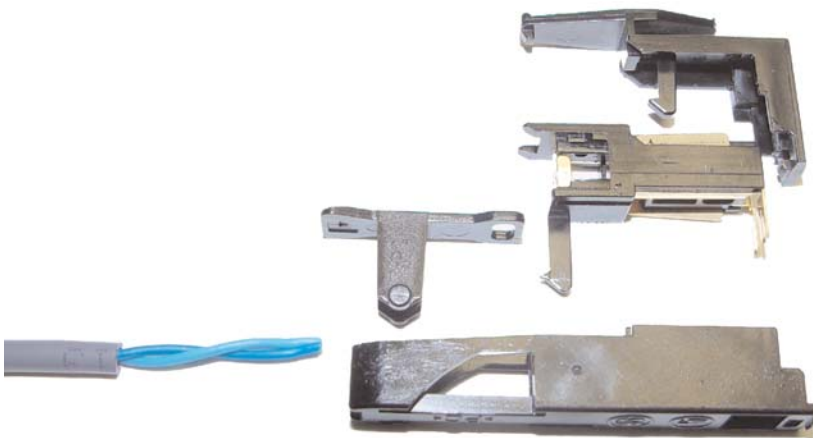
The SYSTIMAX® VisiPatch™ 1Pr Field Terminated Plug and Cordage Kits are components of the SYSTIMAX VisiPatch System. The VisiPatch System is a revolutionary patch panel system designed by SYSTIMAX Labs that features state-of-the-art, IDC technology for optimum patch cord organization and management. 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.

The VisiPatch System features a patented connector design that neatly routes cordage back toward the wall and the VisiPatch panel. High performance VisiPatch patch cords are available pre-assembled in 1-, 2- and 4- pair configurations and orderable in custom lengths.

The VisiPatch1Pr Field Terminated Plug and Cordage Kits provide an alternative solution to pre-assembled fixed length patch cords for

applications such as voice, fax, and modem systems and low speed data where performance is not the key driver. In these applications, there is a need for variable length patch cords, where customers are able to field terminate patch cords to suit the needs of their cross-connect layout. With the 1Pr Field Terminated kit, customers can customize the length of the patch cord and help eliminate clutter and slack that can build up in the vertical cable management areas.

The 1Pr Field Terminated Plug Kit provides piece parts to assemble up to 10 patch cords. Each kit contains detailed instructions to properly assemble the patch cords. The cordage kit contains 100 ft of 1074 series, one-pair cordage. The patch cord kit is easy to assemble and no special tools are required. Minimal experience is required for termination and the average time to assemble one patch cord takes approximately 30 seconds. Refer to instruction sheet included in kit for detailed information.



Features and Benefits

- Customize length of patch cord
- Easy to assemble with little experience
- No special tools required
 - Wire cutters for cutting wires before final assembly
- Cordage kit contains 100ft (30.5 m) 1Pair SYSTIMAX 1074 cordage
- Eliminate slack build up in the vertical manager
- Total assembly time less than 30 seconds
- Plug kit contains 20 packaged plug assemblies

VisiPatch 1 Pr. Field Terminated Plug Kit includes the following:

Wire Guide	Qty. 20
Top Cover	Qty. 20
Anti-Snag Cover	Qty. 20
Contact Base	Qty. 20
Instruction Sheet	Qty. 1

Note: Cordage sold separately. Reference no. VP1PRCORD

Physical Specifications

Mechanical Data:

Plug Insertion Life:	200 minimum
Wire Insertion Force:	24 AWG=13–28 lbs (58–125 N)
Wire Retention:	24 AWG–typical pull out force
	X-axis=10.6 lbs (47.3 N)
	Y-axis=10.6 lbs (47.3 N)
	Z-axis=2.4 lbs (10.7 N)

Environmental Conditions:

Temperature Range:	
Storage:	–40°F to 158°F (–40°C to 70°C)
Operational:	14°F to 140°F (–10°C to 60°C)
Relative Humidity:	(operational) maximum, non-condensing 93%

Materials:

Plastic Components:	Polycarbonate Blend, self-extinguishing
Flammability Rating:	UL–rated 94 V–0
Oxygen Index:	28.5% minimum
Contact Material:	Phosphor Bronze
Contact Plating:	Gold 2 to 5 micro–inch (0.051 to 0.128 microns) over Nickel 75 micro–inch (1.91 microns) Stranded tinned copper conductors, insulated with Polyethylene

Electrical Specifications

UL Listed Type CM per UL File E98256, Volume 1, Section 114

Application

Voice, fax, and modem systems and low speed data

Ordering Information

Material ID	Product Code	Description	Color
760047662	VP1PRFTRM	VisiPatch 1 Pr Field Term. Cord Plug Kit	Black
760047993	VP1PRCORD	VisiPatch 1 Pr Cordage 100ft	Grey

Note: The 1Pr Field Terminated Patch Plugs are designed to terminate to the SYSTIMAX 1074 one pair cordage. Termination to other cordage is not recommended.

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