Datasheet



PVMax Scanner Attachment Cord Features



PVMax Scanners are connected to RiT's range of SMART Patch Panels with PVMax Scanner Attachment Cords:

- Supplied in various lengths
- Several types of Scanner Attachment Cords are available to suite the various types of SMART Patch Panels
- Flat or Round Attachment Cords are available

The PVMax Splitter

- An attachment that doubles the functionality of the Scanner two Scanner Attachment Cords can be fitted in one connector (new models of PVMax Panels have the same functionality without using the Splitter)
- Up to 24 Patch Panels can be connected to the Scanner using the Splitter
- Either two Group A or Two Group B Scanner Attachment Cords are connected to the splitter

Page 1 of 7



There are three different methods available to connect Patch Panels to PVMax Scanners.

The first method uses one of two different types of Scanner Attachment Cords. These are Group A and Group B. One end of the attachment cord is connected directly to the PVMax Scanner and the other end/s to the Patch Panel. This method allows a maximum of 12 Panels to be connected to each Scanner.



Group B

Each port of the PVMax Scanner is connected to a Patch Panel using a Scanner Attachment Cord with a 26-pin connector on the Scanner end and two 14-pin connectors on the Patch Panel end.



PVMax Splitter

The Second method uses the PVMax Splitter. The Splitter doubles the functionality of the PVMax Scanner, allowing up to 24 Panels to be connected to each Scanner. Both types can be connected to the Splitter as shown in the next two diagrams.

Splitter Attachment Cord

The connection between the Scanner and the Splitter can be made either with the regular

Group A

Scanner Attachment Cord or with the Splitter Attachment Cord, which is a short Group A Cord.

Group A :

Each PVMax Splitter is connected on one side to one port of the PVMax Scanner and on the other side to two Patch Panels using two Group A Scanner Attachment Cords.





SMART Giga 24 Patch Panel example

Group B :

Each PVMax Splitter is connected on one side to one port of the PVMax Scanner and on the other side to two Patch Panels using two Group B Scanner Attachment Cords.



SMART CLASSix 24 Patch Panel example



The third method uses PVMax Panels.

The PVMax Panels have been designed to work exclusively with the PVMax system without having to use Splitters. This method has the same functionality as the second method but it enables cutting by half the number of Scanner Attachment Cords required per installation.

In general all the panels are connected with Group B Scanner Attachment Cords. The top patch panel should connect to scanner connector 1A, the next panel to connector 1B and then 2A, 2B etc.

SMART CLASSix Panel, 24, PVMax

Each connector of the PVMax Scanner is connected to a PVMax Panel using a Group B Scanner Attachment Cord with a 26-pin connector on the Scanner end and two 14-pin connectors on the two PVMax Panel ends.

As can be seen in the following diagram, one Group B Scanner Attachment Cord connects 2 PVMax Panels to one connector in the Scanner.





PVMax Scanner Attachment Cord

Features

SMART CLASSix Panel, 48, PVMax

Each connector of the PVMax Scanner is connected to a PVMax Panel using a Group B Scanner Attachment Cord with a 26-pin connector on the Scanner end and two 14-pin connectors on the PVMax Panel end.

As can be seen in the following diagram, one Group B Scanner Attachment Cord connects one PVMax Panel to one connector in the Scanner.





Scanner Attachment Cord Configuration Table (Cable Group A)

Cable Group	Туре	Part Number	Panel Type	Splitter	No. of Cables	No. of Panels	No. of Scanner connectors used
А		R3240001	SMART CLASSix 32 UTP with switches	No	1	1	1
	CLASSix	R3913011	SMART CLASSix 32 UTP	No	1	1	1
		R3241001	SMART CLASSix 48 UTP with switches	Yes	2	1	1
		R3241011	SMART CLASSix 48 STP with switches	Yes	2	1	1
		R3243011	SMART CLASSix RJ-RJ 48 STP	Yes	2	1	1
		R3243001	SMART CLASSix RJ-RJ 48 UTP	Yes	2	1	1
		R38016X1	SMART-Giga 24 UTP, Vertical	Yes	2	2	1
		R38010X1	SMART-Giga 24 STP, Vertical	Yes	2	2	1
	Giga	R3340403	SMART Giga RJ-RJ 32, 2 Row UTP	No	1	1	1
		R3341103	SMART Giga RJ-RJ 32 UTP	No	1	1	1
	olga	R3343023	SMART Giga RJ-RJ 32 STP	No	1	1	1
		R3331103	SMART Giga 32 UTP with switches	No	1	1	1
		R3333023	SMART Giga 32 STP with switches	No	1	1	1
		R377X423	SMART ICS 32	No	1	1	1
	Other	R37230X1	SMARTelco 24	Yes	2	2	1
		R3723101	SMARTelco 24 Fast Ethernet	Yes	2	2	1
	F/O	R41970X1	SMART LC 48	Yes	2	2	1
		R31970X1	SMART MT-RJ 48	Yes	2	2	1
		R3197111	SMART MT-RJ 96	Yes	2	1	1
		R32023X1	SMART SC 48	No	1	1	1
		R32020X1	SMART SC 96	No	2	1	2



PVMax Scanner Attachment Cord

Features

Scanner Attachment Cord Configuration Table (Cable Group B)

Cable Group	Туре	Part Number	Panel Type	Splitter	No. of Cables	No. of Panels	No. of Scanner connectors used
В	SMARTen	R3940114	SMARTen STP 24, PVMax	No	1	2	1
	PVMax	R3940014	SMARTen UTP 24, PVMax	No	1	2	1
	CLASSix	R3910011	SMART CLASSix 24 UTP	Yes	2	2	1
		R3910101	SMART CLASSix 24 STP	Yes	2	2	1
		R3914011	SMART CLASSix 48 UTP	Yes	2	1	1
	CLASSix	R3910014	SMART CLASSix 24 UTP, PVMax	No	1	2	1
	PVMax	R3910104	SMART CLASSix 24 STP, PVMax	No	1	2	1
		R3914014	SMART CLASSix 48 UTP, PVMax	No	1	1	1
		R3916014	SMART CLASSix 48 1U, PVMax	No	1	1	1
		R3241004	SMART CLASSix 48 UTP with switches, PVMax	No	1	1	1
		R3241014	SMART CLASSix 48 STP with switches, PVMax	No	1	1	1
		R3243004	SMART CLASSix RJ-RJ 48 UTP, PVMax	No	1	1	1
		R3243014	SMART CLASSix RJ-RJ 48 STP, PVMax	No	1	1	1
		R3916014	SMART CLASSix 48 1U, UTP PVMax	No	1	1	1
	Giga	R38X2124	SMART Giga 24 UTP	Yes	2	2	1
		R38X2148	SMART Giga 48 UTP	Yes	2	1	1
		R3260011	SMART Giga 48 UTP, 1U	Yes	2	1	1
	F/O - PVMax	R41970X4	SMART LC 48, PVMax	No	1	2	1
	Other	R3286111	SMART Voice Block 20	No	1	2	1