

## SMIP //™ Mating Connectors and Accessories

VTI P/N	Description
70-0155-000	Blanking Panel for SMP1100 and SMP1200
<b>SMP2001A and SMP2002A 16 Amp Power Switch Modules</b>	
<b>VTI P/N</b>	<b>Description</b>
27-0087-041	41-pin connector and backshell (no pins included).
52-0102-001	Connector Kit (includes 1 each connector and backshell, plus 44 pins). At full population, does not allow room for cable dressing.
70-0190-000	41-pin connector and strain relief (no pins).
70-0190-001	Connector Kit (includes 1 each connector and backshell, plus 44 pins). Allows additional space for applications requiring full population.
52-0113-000	10-pin cable assembly (includes 6 ft. 14GA wire and 10 pins)
46-0012-000	Crimp Tool and Turret Head
46-0014-000	Insertion Tool
46-0015-000	Extraction Tool
<b>SMP2003, SMP2004 and SMP2005, 20 Amp Power Switches Modules (SMP1100 only)</b>	
<b>SMP2104 20 Amp Solid State Switch Module (SMP1100 only)</b>	
<b>VTI P/N</b>	<b>Description</b>
52-0125-000	12-pin connector and backshell (no pins) 2 required
52-0126-000	Connector Kit (includes 2 each connectors and backshells plus 30 crimp pins)
70-0253-002	VXI backshell for 12-pin connector
70-0253-000	12-pin connector and VXI backshell (no pins) 2 required
70-0253-001	Connector Kit (includes 2 each connectors and VXI backshell plus 30 crimp pins)
52-0124-000	12-pin cable assembly (includes 6 ft. 12GA wire and 12 pins)
46-0012-000	Crimp Tool and Turret Head
46-0014-000	Insertion Tool
46-0015-000	Extraction Tool



Blanking Panel



16 A Connectors



20 A Connectors



2 A Connectors



30 A Connectors



RF Quick Disconnect



5 A Connectors

## SMP I//™ Mating Connectors and Accessories

**SMP2007 Mux, SMP2008 and SMP2009 Relays**  
**SMP300X Muxes, SMP400X and SM4028 Matrices,**  
**SMP5001, SMP5002, SMP5003 Relays**  
**SM4330A Mux, SM4380, SM4380-02 and -03 Matrices**  
**SMP7500 96-channel 300 mA Open-Collector Digital I/O**

<b>VTI P/N</b>	<b>Description</b>
<b>52-0236-000</b>	Connector Kit (includes 160-pin connector and retaining hardware-no pins)
<b>52-0235-000</b>	Floating Wire Shroud (Does not include connector or pins)
<b>52-0237-000</b>	Strain Relief Bracket
<b>52-0109-000</b>	100 Crimp Pins (SMP2007, 8 & 9 require 80 pins, all others 160)
<b>52-0109-001</b>	500-pin Reel
<b>52-0110-000</b>	10-pin Cable Assembly (includes 6 ft 24 GA Teflon wire and 10 pins)
<b>46-0010-000</b>	Crimp Tool
<b>46-0011-000</b>	Extraction Tool

### SMP2012 10 SPST 30A Relay

<b>VTI P/N</b>	<b>Description</b>
<b>70-0292-000</b>	21-pin Connector and Backshell
<b>70-0293-000</b>	Connector Kit, (includes 21-pin Connector and Backshell plus 22 pins)
<b>70-0294-000</b>	20 pin Cable Assembly
<b>70-0299-000</b>	Kit of 22 pins
<b>46-0012-001</b>	Crimp Tool

### SMP4044 8x20 Coax Matrix

<b>VTI P/N</b>	<b>Description</b>
<b>70-0295-000</b>	Kit of 6 Coaxipack 2 pins
<b>70-0296-000</b>	Conn. Kit (Includes Connector, Backshell and 6 pins)
<b>70-0297-000</b>	Crimp Tool Set
<b>70-0298-000</b>	Extraction Tool
<b>70-0300-360</b>	6-pin RG178 Cable Assy for Coaxipack, 3 ft

### SMP5004 30 SPDT and SMP5005 48 SPST 5A Relays

<b>VTI P/N</b>	<b>Description</b>
<b>52-0196-000</b>	50-pin connector and backshell (no pins) 2 required
<b>52-0195-000</b>	Connector Kit (includes 2 connectors and backshells plus 104 pins)
<b>46-0024-000</b>	Crimp Tool
<b>46-0025-000</b>	Turret Head
<b>46-0036-000</b>	Extraction Tool
<b>46-0037-000</b>	Insertion Tool

## SMIP //™ Mating Connectors and Accessories

**SMP6001 and SMP6002 900 MHz Coaxial Switches**  
**SMP6004 and SMP6005 500 MHz Coaxial Switches**

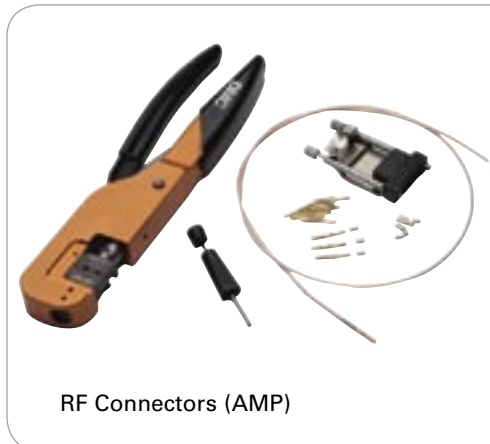
<b>VTI P/N</b>	<b>Description</b>
27-0116-000	RF pin (one each)
27-0116-026	26-pin connector and backshell (no pins) 2 required. This backshell can accommodate a maximum of 19 cables without cable dressing
70-0234-000	26-pin connector w/VXI strain relief (no pins) 2 required. This strain relief has additional space for applications requiring full population of connector
52-0127-360	Single Coax Cable with RF pin, 3 ft.
46-0013-000	Crimp Tool
46-0014-000	Insertion Tool
46-0015-000	Extraction Tool

**SMP6101, SMP6102 50 Ω 1.3GHz Coaxial**  
**SMP6103 1x31 RF Mux**  
**SMP6122, SMP6144 50 Ω 1GHz Coaxial**  
**SMP6201, SMP6202, SMP6203, SMP6204 75 Ω**  
**Coaxial Switches**  
**SMP2300 500V 24-ch SPST**

<b>VTI P/N</b>	<b>Description</b>
70-0150-000	26-pin Connector and Housing (no pins) 2 required
70-0149-000	10-pin/Ferrule Kit (RG316 50 Ω)
70-0149-001	10-pin/Ferrule Kit (RG178 50 Ω)
52-0247-360	50 Ω RF Cable, 36 inches
52-0248-360	75 Ω RF Cable, 36 inches
46-0018-000	Crimp Tool, Coax RG178 50 Ω
46-0018-001	Crimp Tool, Coax RG316 50 Ω
46-0018-002	Crimp Tool, RG179 75 Ω
46-0021-000	Extraction Tool



RF Connectors (Positronics)



RF Connectors (AMP)