

RACAL INSTRUMENTS



Switch Solutions

*The only test system you want
is the one that's made for you.*

RACAL
INSTRUMENTS



About Us

Racal Instruments produced the world's first compact electronic frequency counter in the late 1950's, launching a broad line of instrument products for which Racal is still renowned. Since then Racal has led the way in several product areas: general purpose test equipment, automatic test equipment, VXIbus modules, communication test sets, laser diode and photonics test systems and burn-in stations, chassis, switching, and, most recently, turnkey system integration.

The global Automatic Test Equipment market continues to grow at an accelerating rate, and Racal Instruments remains at the forefront with the technology, engineering, products and system integration services to support the industry's most demanding customer needs. We are the leading integrators of test systems for communications, broadband, military and industrial customers. Some of the numerous application solutions developed by Racal include laser diode burn-in, jet engine testers, automotive testing, digital communications and radar simulators.

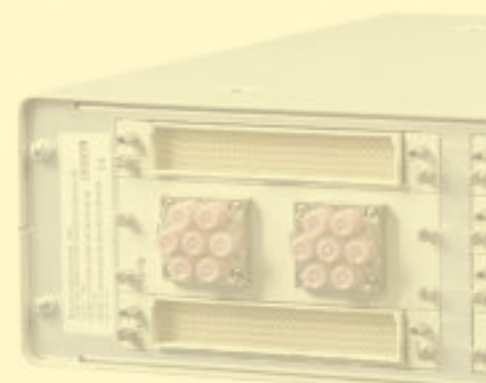
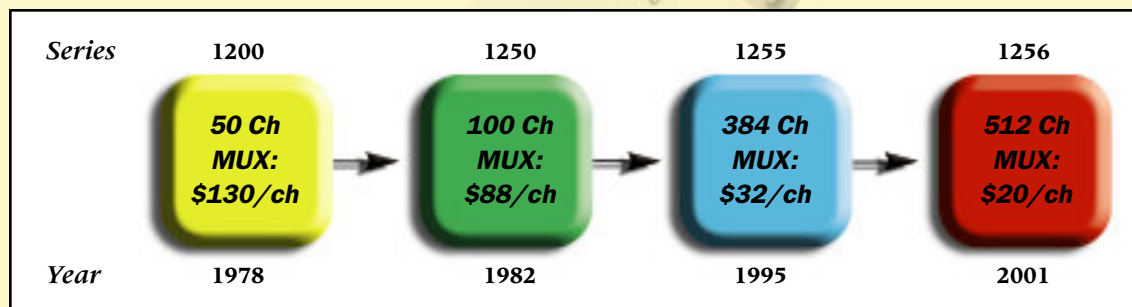
The backbone of Racal Instruments' success relies heavily on the strength of our Engineering resources. Our company is committed to Engineering innovation and continues to apply the appropriate technology in our customer-centric system solutions. We back our Engineering resources with a corporate-wide concern for quality that begins with design and continues through the manufacturing, field installation, and support processes.

Our excellence in quality was recently recognized by Intel. We earned their coveted SCQI (Supplier Continuous Quality Improvement) award for the second consecutive year, a first for any test instrument company. We did it for Intel; let us prove what we can do for you.

Why Switching Solutions from Racal

Today's system design engineers face a common problem: With so many switch suppliers and switch types to choose from, just how do you select the right one? Fortunately there is an easy one-stop solution, Racal Instruments. Racal has been designing accurate, reliable, flexible, and user friendly switch solutions since 1978. Our engineers constantly seek to maximize performance and reliability by incorporating new techniques, technology, and manufacturing practices to create the most practical, reliable, and precise instruments for your unique application. We continue to push switching technology with higher speeds, higher densities, and lower costs. Racal is the first and only choice for design engineers in automatic test equipment.

Racal's Technology Drives Down Your Costs for Switching!



Switching Systems



1256 Switching System

- Ethernet/GPIB/RS-232 Remote Interface
- Front-Panel Controls
- Wide Range of Switching and Digital I/O Plug-Ins
- Low Cost
- High Throughput and Advanced Features for Reduced Test Time
- SCPI Command Set
- LabVIEW and LabWindows/CVI Drivers

The **1256** switching system is a high-performance switching and control system in a compact 2U rack mountable package. It controls up to eight (8) Adapt-a-Switch® plug-ins for switching and digital I/O. These plug-ins provide a wide range of switching capability: high current to 13A, high voltage to 1kV, RF/Microwave to 18 GHz, and even digital I/O with 96 channels per plug-in. The user can

easily configure these plug-ins into a high-performance, low-cost solution to satisfy any switch applications. A single 1256 can accommodate any one of the following configurations, as well as countless others: 1152-point matrix, 512-channel scanner/multiplexer, 640 SPST switches, 768 channels of TTL, CMOS, or open-collector digital I/O.

The highly intuitive menu-driven interface provides easy access to all relay and digital I/O states, system preferences, and the non-volatile memory features of the 1256 switching system. The GPIB and RS-232 remote interfaces, which are IEEE 488.2 and SCPI compliant, provide any terminal or computer with access to all standard features. In addition, the remote interfaces can access advanced features: Path Level Switching, Include Lists, Exclude Lists, Scan List, Trigger Delays, Switch Mode, and Confidence Mode.

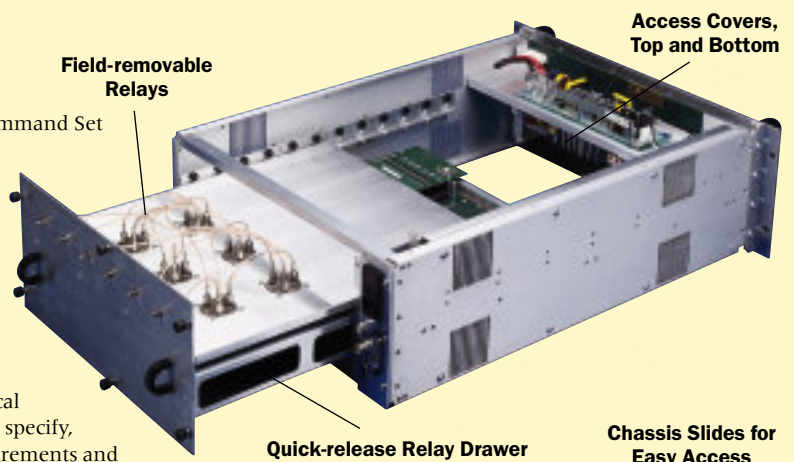
1257 Configurable Switching System

- Ideal Platform for Optical, RF, Microwave, and Hybrid Systems
- Ethernet/GPIB/RS-232 Remote Interface with SCPI Compliant Command Set
- Flexible Rack-Mount, 4U, 5U, or 6U Version
- Intuitive Front-Panel Control
- Detachable Rear Pull-Out Drawer for Rapid Bench Serviceability
- Removable Top and Bottom Covers for Easy In-Service Troubleshooting and Component Replacements

The Model **1257** switching system is a high-performance switching and controls system designed specifically for applications such as automated testing of mobile radios, wireless phones, pagers, antennas, RF components, optical components, industrial and medical wireless products. This switching system makes it easier than ever to specify, order, install and commission a switch assembly based on your requirements and specifications.

The 1257 provides significant control capabilities. Each system can control up to 240 TTL/CMOS and/or 2A open-drain channels. When paired with its spacious drawer size, this makes the 1257 ideal for housing and controlling the most demanding and space intensive applications. The non-volatile memory stores up to 100 complete system switch states as well as user preferences like RS-232 baud rates, GPIB address, and display settings.

The 1257 incorporates fully removable bottom and top covers that, when used in conjunction with rack-mount slides, allow in-service troubleshooting and component replacement. Providing additional flexibility, every 1257 switching configuration is built on a removable drawer. This allows easy bench service and supports equipment sparing for critical applications.



Easy-to-use Front-panel Display



1255A Switching System

- GPIB/RS-232 Control
- DC to Light

The **1255A** high-performance switch system takes advantage of the density offered by full-size, 1260 series, switch modules and offers the capability of system expansion. This affordable system offers modules for applications ranging from DC to light, including RF/Microwave, digital, optical, signal, matrix, multiplexer and power. The system comes complete with both an internal IEEE-STD-488 and an RS-232 interface. The VXIplug@play compliant drivers make it an easy addition to any system.

Adapt-a-Switch[®] Plug-in Switch Cards

Featuring unprecedented density and flexibility to suit your switching requirements, Adapt-a-Switch[®] plug-ins can be used with the Model **1256**, GPIB/RS-232 Switching System, or with the Models **1260-100** and **1260-101**, VXIbus carriers. Switching solutions include RF, microwave, signal, matrix, and multiplexer as well as power and discrete.

When the plug-in switch cards are used with the 1260-100 or the 1260-101 Adapt-a-Switch[®] carrier, an Option 01T interface is required. This interface is housed in the carrier and can control twelve plug-in cards. This option additionally provides message-based operation for ease-of-use and register-based operation for maximum speeds. When used with the 1256 mainframe, no additional controller is required.

The Adapt-a-Switch series includes VXI*plug&play* support for WIN95/98/ME/NT/2000/XP frameworks, including drivers for LabWindows/CVI and LabVIEW.



Adapt-a-Switch Plug-in Series Selection Guide for Model 1256 and Model 1260-100

Signal Type	Model No.	Configuration & Max Spec. Ranges	Connection Type/Comments
Digital Test	1260-114TTL	96 Discrete I/O, TTL, 5.5 V, 15 mA source/24 mA sink, 120 mW, 200 kHz	160-pin DIN (Not Supplied)
	1260-114CMOS	96 Discrete I/O, CMOS, 5.5 V, 8 mA source/sink, 40 mW, 200 kHz	
	1260-114OC	96 Discrete I/O, Open Collector, 32 V, 200 mA sink, 6.4 W, 200 kHz	
	1260-114HVOC	48 Discrete I/O, High Voltage Open Collector, 50 V, 1.5 A sink, 75 W, 200 kHz	
General Purpose	1260-111	12-Ch Form A and Form B SPST, 1 kVDC/VAC, 2 ADC/AAC, 60 W/60 VA, 60 MHz	48-pin DIN (Not Supplied)
	1260-111A	12-Ch SPDT, 1 kVDC/VAC, 2 ADC/AAC, 60 W/60 VA, 60 MHz	
	1260-112	20-Ch DPDT, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 120 MHz	160-pin DIN (Not Supplied)
	1260-117	52-Ch SPDT, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 60 MHz	
	1260-118	80-Ch SPST, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 100 MHz	
Multiplexers	1260-131A	10-Ch SP4T, 220 VDC/250 VAC, 1 ADC/AAC, 30 W/125 VA, 200 MHz	IDC
	1260-131B	26-Ch SP4T, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 200 MHz	
	1260-132	1x23, 1 kVDC/VAC, 2 ADC/AAC, 60 W/60 VA, 5 MHz	48-pin DIN (Not Supplied)
	1260-134	16(1x4), 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 100 MHz	160-pin DIN (Not Supplied)
	1260-136B	2(1x21) or 1x42, 500 VDC/VAC, .5 ADC/AAC, 10 W/VA, reed relay	48-pin DIN (Not Supplied)
	1260-136C	2(1x21) or 1x42, 1000 VDC/VAC, 1 ADC/AAC, 25 W/VA, reed relay	
	1260-136D	2(1x21) or 1x42, 500 VDC/VAC, 1 ADC/AAC, 50 W/VA, mercury-wetted	
	1260-138A	8(1x8), 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, > 85 MHz (1x8) / > 4 MHz (1x64)	160-pin DIN (Not Supplied)
Matrix	1260-145A	9(4x4), 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 42 MHz	160-pin DIN (Not Supplied), Uses 4x4 sub-module to configure matrix
	1260-145B	3(4x12), 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 31 MHz	
	1260-145C	2(4x16), 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 24 MHz	
	1260-145D	4x36, 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 13 MHz	
	1260-145E	2(8x8), 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 27 MHz	
	1260-145F	8x16, 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 20 MHz	
	1260-145G	12x12, 60 VDC/125 VAC, 1 A @ 30 VDC/.3 A @ 125 VAC, 30 W/37.5 VA, 27 MHz	
Power	1260-120	20-Ch SPST, 125 VDC/250 VAC, 10 ADC/13 AAC, 300 W/2000 VA, 400 Hz (Power)/50 MHz (Small Signal)	Rack & Panel with power pins supplied
	1260-116	24-Ch SPDT, 30 VDC/250 VAC, 5 ADC/AAC, 150 W/1250 VA, 50 MHz	78-Pin Mating Connector supplied
	1260-121 A/B	12-Ch SPDT, 125 VDC/250 VAC, 10 ADC/13 AAC, 150 W/1250 VA, 35 MHz 400 Hz (Power)/35 MHz (Small Signal)	Screw Terminal Interface or Rack & Panel Interface available
RF (50 / 75)	1260-150	10 (1x4), 50 , 100 VDC/VAC, 250 mADC/mAAC, 3 W(RF), 500 MHz	Coaxial Mating Connectors (2) supplied, Pins not supplied.
	1260-152/172	17-Ch SPDT, 50 or 75 , 30 VDC, .5 ADC, 10 W, 1.2 GHz @ 50 , 900 MHz @ 75	
	1260-152HV/172HV	20-Ch SPST & 2-Ch SPDT, 50 or 75 , 500 VDC/VAC, .5 ADC/AAC, 10 W/VA, 700 MHz	
	1260-155	2 (SP4T), 50 , 30 VDC/VAC, 0.5 AAC/ADC, 10 W(RF), 1.5 GHz	MCX Connectors 75 available upon request.
	1260-155A	2 (SP4T), 50 , 30 VDC/VAC, 0.5 AAC/ADC, 10 W (RF), 3.0 GHz	
	1260-155T	2 (SP4T), 50 , 5 VDC/VAC, 0.5 AAC/ADC, 1 W (RF), 1.5 GHz	
Microwave (50)	1260-160B	2(SPDT), DC to 18 GHz, 1-slot	SMA Coax Not Supplied
	1260-160E	5(SPDT), DC to 18 GHz, 2-slot	
	1260-162A	1 (2x2 Transfer Switch), 490 W @ 100 MHz, 50 W @ 18 GHz, DC to 18 GHz, 2-slot	
	1260-162B	2 (2x2 Transfer Switch), 490 W @ 100 MHz, 50 W @ 18 GHz, DC to 18 GHz, 2-slot	
	1260-164A	SP4T, 490 W @ 100 MHz, 50 W @ 18 GHz, DC to 18 GHz, 2-slot	
	1260-164B	2 (SP4T), 490 W @ 100 MHz, 50 W @ 18 GHz, DC to 18 GHz, 2-slot	
	1260-167A	SP6T, DC to 18 GHz, 2-slot	
1260-167B	2(SP6T), DC to 18 GHz, 2-slot		
Development	1260-700	Prototyping Module for 1256 or the 1260-100, 88 Digital I/O Control Lines, 6" x 3.5" Prototyping Area, 0.1" x 0.1"	Mating Connector Not Supplied
Controller	Option 01T installed/uninstalled	Control up to 12- 1260 Series switch cards or Adapt-a-Switch plug-ins. Register based for high-speed switching. Message-based for programming. IEEE-488 and SCPI.	Not compatible with Option 01 syntax.

For complete specifications, please see data sheets on the Racal Instruments' website at <http://www.racalstruments.com>. Non-standard plug-ins are available; please contact Racal Applications Engineers for Assistance.



1260 Series Switch Cards

- VXI Switching
- DC to Light

The **1260** Series of Switch Cards is the only product that provides you the convenience of message-based control for ease of programming and a register-based interface for high-speed control. Our family of full-size switch modules affords you switching solutions that include optical, RF, microwave, signal, matrix, multiplexers, power and discrete. So whatever your application, we have a solution. We are always adding to and refining our selection, so please visit our website for the latest information. In addition, if you don't see what you want, please contact us and we will be happy to discuss a custom solution with you.

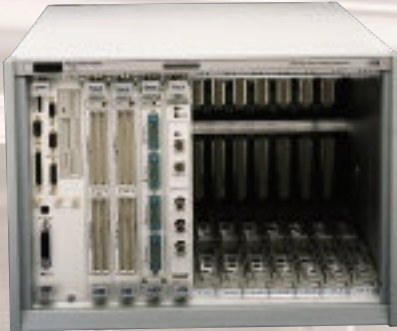
1260 Series, C-Size, Selection Guide for VXI and 1255A

Signal Type	Model No.	Configuration & Max Spec. Ratings	Connection Type/Comments
Digital Test	1260-14	96 Discrete I/O, TTL, 5.25 V, 15 mA source/48 mA sink, 252 mW, 1 kHz or 200 kHz	IDC Flat Ribbon Supplied
	1260-14 (CMOS)	96 Discrete I/O, CMOS, 5.00 V, 6 mA source/sink, 30 mW, 1 kHz or 200 kHz	
	1260-14C	96 Discrete I/O, Open Collector, 32 V, 200 mA sink, 6.4 W, 1 kHz or 200 kHz	
General Purpose	1260-12	20-Ch DPDT, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/62.5 VA, 35 MHz	Positronic SGMC (solder) Supplied
	1260-13	40-Ch DPST, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/62.5 VA, 50 MHz	
	1260-16	40-Ch SPDT, 110 VDC/250 VAC, 5 ADC/AAC, 150 W/1250 VA, 30 MHz	
	1260-17	80-Ch SPDT, 250 VDC/250 VAC, 1 ADC/AAC, 30 W/62.5 VA, 60 MHz	
	1260-18	152-Ch SPST, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 100 MHz	
Power	1260-20	20-Ch DPST, 250 VDC/380 VAC, 8 ADC/AAC, 150 W/2000 VA, 30 MHz	Positronic GMCT (solder) Supplied
	1260-20B	20-Ch independent form A/B or SPDT, 250 VDC/380 VAC, 8 ADC/AAC, 150 W/2000 VA, 30 MHz	
	1260-22	20-Ch SPST, configurable, 250 VDC/250 VAC, 20 ADC/AAC, 600 W/4800 VA, 300 KHz	
	1260-22A	Mux, 5(1x4) & 10(1x2), 250 VDC/250 VAC, 20 ADC/AAC, 600 W/4800 VA, 300 KHz	
Multiplexers	1260-30A	1x40, 2 Wire, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/62.5 VA, 10 MHz	Positronic SGMC (solder) Supplied
	1260-30B	2 (1x20), 2 Wire, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/62.5 VA, 10 MHz	
	1260-30C	4 (1x10), 2 Wire, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/62.5 VA, 10 MHz	
	1260-30D	8 (1x5), 2 Wire, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/62.5 VA, 10 MHz	
	1260-35	1x96 (STK), 2 Wire, configurable, 220 VDC/250 VAC, 1 ADC/AAC, 60 W/125 VA, 50 MHz	IDC or DIN (crimp) Supplied
	1260-38	16(1x8), 1,2, or 4 Wire, S/W configurable, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 30 MHz	160-pin DIN (crimp) NOT Supplied
	1260-38T	16(1x8), 2 or 4 Wire, S/W configurable, 220 VDC/250 VAC, 2 ADC/AAC, 60 W/125 VA, 30 MHz	
Multi-Purpose	1260-37	40-Ch SPDT & 8(1x6) Mux, 250 VDC/VAC, 1 ADC/AAC, 60 W/62.5 VA, 35 MHz	IDC or DIN (crimp) Supplied
	1260-39	5-Ch DPST, 220 VDC/VAC, 10 ADC/AAC, 150 W/2000 VA, 5 MHz	AMP, Positronic SGMC Connectors or pins NOT supplied
		48-Ch SPST, 6(1x2) 1-wire Mux, 3(1x4) 1-wire Mux, 5(2x8) 1-wire Matrix, 110 VDC/125 VAC, 1 ADC/AAC, 60 W/125 VA, 30 MHz	
Matrix	1260-40A	4x24 Matrix, 2-Wire, 250 VDC/VAC, 1 ADC/AAC, 30 W/62.5 VA, 20 MHz	Positronic SGMC (solder) Supplied
	1260-40B	8x12 Matrix, 2-Wire, 250 VDC/VAC, 1 ADC/AAC, 30 W/62.5 VA, 20 MHz	
	1260-40C	2(4x12) Matrix, 2-Wire, 250 VDC/VAC, 1 ADC/AAC, 30 W/62.5 VA, 20 MHz	
	1260-45A	4(4x16) Matrix, 2-Wire, 250 VDC/VAC, 1 ADC/AAC, 30 W/62.5 VA, 25 MHz	
	1260-45B	2(4x32) Matrix, 2-Wire, 250 VDC/VAC, 1 ADC/AAC, 30 W/62.5 VA, 25 MHz	
	1260-45C	2(8x16) Matrix, 2-Wire, 250 VDC/VAC, 1 ADC/AAC, 30 W/62.5 VA, 25 MHz	
RF (50)	1260-50C	8(1x4) s/w configurable to 1x39, 200 VDC/VAC, .5 ADC/AAC, 10 W(RF), 350 MHz	Connector body Supplied, Coax pins NOT Supplied
	1260-50D	16(1x4) s/w configurable to 1x79, 200 VDC/VAC, .5 ADC/AAC, 10 W(RF), >200 MHz (1x79)	
	1260-51	S/w configurable as 6(2x6), 3(2x12), 2x36 Matrix, 110 VDC/125 VAC, .5 ADC/AAC, 30 W/62.5 VA, 400 MHz (2x6) / 325 MHz (2x36)	
	1260-54	6(1x4) w/optional terminations, 30 VDC/100 VAC, 1.5 ADC/AAC, 40 W, 1.3 GHz	
	1260-58	4 (SP8T), 24 VDC/VAC, 10 mADC/maAC, 10 W(RF), 750 MHz	
	1260-59A	4 (SP4T), 24 VDC/VAC, 10 mADC/maAC, 10 W(RF), 4 GHz	
	1260-59B	8 (SP4T), 24 VDC/VAC, 10 mADC/maAC, 10 W(RF), 4 GHz	
	1260-59C	8 (SP4T), 24 VDC/VAC, 10 mADC/maAC, 10 W(RF), 4 GHz	
Special RF	1260-75A	8(1x4) s/w configurable to 1x39, 75 , 200 VDC/VAC, .5 ADC/AAC, 10 W(RF), 100 MHz	Connector body Supplied, Coax pins NOT Supplied
	1260-75B	16(1x4) s/w configurable to 1x79, 75 , 200 VDC/VAC, .5 ADC/AAC, 10 W(RF), 100 MHz	
	1260-93A	8(1x4) s/w configurable to 1x39, 93 , 100 VDC/VAC, .5 ADC/AAC, 10 W(RF), 100 MHz	
	1260-93B	16(1x4) s/w configurable to 1x79, 93 , 100 VDC/VAC, .5 ADC/AAC, 10 W(RF), 100 MHz	
Microwave (50)	1260-60A	3(SPDT), single slot & 24 external relay drivers, 40 W(RF), 18 GHz	SMA Coax NOT Supplied. Positronic SGMC (Crimp) Supplied.
	1260-60B	3(SPDT), single slot & 24 external relay drivers, 50 terminations, 40 W(RF), 18 GHz	
	1260-64A	4(SP6T), dual slot & 32 external relay drivers, 40 W(RF), 18 GHz	
	1260-64B	2(SP6T), dual slot & 32 external relay drivers, 40 W(RF), 18 GHz	
	1260-64C	SP6T, dual slot & 32 external relay drivers, 40 W(RF), 18 GHz	
	1260-66A	6(1x6), dual slot, 30 W(RF), 18 GHz	
	1260-66B	4(1x6), dual slot, 30 W(RF), 18 GHz	SMA Coax NOT Supplied.
	1260-66C	2(1x6), dual slot, 30 W(RF), 18 GHz	
	1260-67A	6(1x6), single slot, 50 W(RF), > 18 GHz	
	1260-67B	4(1x6), single slot, 50 W(RF), > 18 GHz	
	1260-67C	2(1x6), single slot, 50 W(RF), > 18 GHz	
	Optical	1260-82C	
1260-82D		4(1x2), single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-82F		6(1x2), single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-822B		2(2x2), single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-822D		4(2x2), single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-84A-1		1x4, single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-84B-1		2(1x4), single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-88A-1		1x8, single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
1260-88B-1		2(1x8), single slot, FC Optic Connectors, 1290-1570 nm wavelength, single-mode fiber	
8455		Multi-Channel, Variable Optical Attenuator, 1-slot, FC Optic Connectors, single-mode fiber	
8800		Optical Attenuator, dual slot, FC Optic Connectors, 1200-1700 nm wavelength, single-mode fiber	
Controller	Option 01T installed/uninstalled	Control up to 12- 1260 Series switch cards or Adapt-a-Switch plug-ins. Register based for high-speed switching. Message-based for programming. IEEE-488 and SCPI.	Not compatible with Option 01 syntax.

Product Selection Guide

1261B VXI Chassis

- High Reliability; Ease of Maintenance
- Best Power and Cooling in VXI Chassis

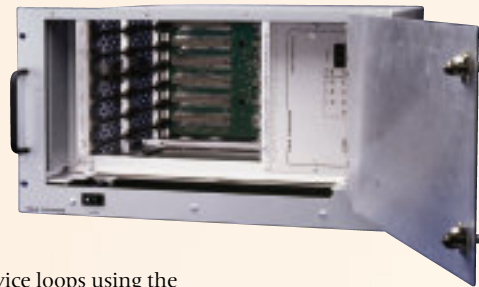


Our fourth generation, high-performance, 13-slot VXI mainframe is now available with even more power -1756 W of available power and 1000W of total usable power @ 55° C. Couple the power with the fault-tolerant cooling system and the results are maximum performance and reliability at a competitive price. The **1261B** is equipped with independently pluggable power supply and fan assemblies. There are two choices for monitoring systems: Enhanced or Standard. The **1261B-LINEAR** is the perfect choice for low noise floor applications.

1264C/D Rack Mountable

1264C Portable

Our low-cost, C-size, VXI chassis contain performance features normally found only in high-end 13-slot chassis. The chassis include status indicators for all seven power supply rails and fan operation. The **1264C** uses a modular power supply assembly with a wireless interconnect system providing 800 W of available power and 500 W of usable power. Ideal for portable or limited space applications. The **1264C/D** is ideal for rackmount applications with limited space availability. Modules are recessed three inches behind the integral front door, allowing room for connectors and cable service loops using the built-in cable tray.



1260-100 and **1260-101** Adapt-a-Switch® Platforms

- Modular VXI Switch Carrier
- High Density

The revolutionary **Adapt-a-Switch®** Platform delivers unprecedented density and flexibility in either a one-slot or a two-slot, C-size VXIbus module. The former carrier accommodates up to two plug-in switch cards, while the latter accommodates up to six plug-in switch cards providing optimum switching solutions. The plug-ins are inserted easily and directly from the front panel of the carrier without removing the carrier module from the chassis, allowing ease of maintenance and upgradeability. Switching configurations are expandable through the use of a shared analog bus. Switching solutions include RF, microwave, signal, matrix and multiplexer as well as power and discrete.



Other Products and Services



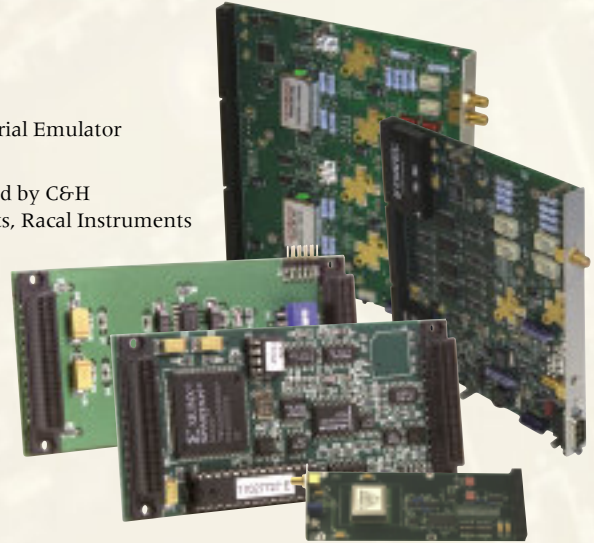
Series 1250 GPIB Programmable Switching System

One of the first modular GPIB programmable switching systems, the model **1250** has been the work horse of the industry. It accepts up to 5 switch plug-in cards in any combination. Modules are available to switch signals for applications such as microwave, RF, audio, high-voltage, high-current, low-level, and video.

ANSI Standard Modular Instruments

- Programmable Bus Emulator, Programmable Digital Test Module, Serial Emulator
- Legacy Instrument Replacements

Racal Instruments is the exclusive distributor of products manufactured by C&H Technologies and Talon Instruments. With the newly acquired products, Racal Instruments has expanded its offerings to include Carrier, Source, Measurement, Switching, Prototyping and Digital Modules for a variety of platforms including VXI, PXI, VME, and CPCI. The mezzanine approach reduces total system cost, increases I/O capability per slot, and facilitates the reuse of carriers in new applications. Legacy instruments can be replaced using mezzanine instruments and an intelligent carrier.



System Integration - Modular ATE System Design Turnkey Solutions

Our advanced Freedom™ Series of functional test systems is a revolutionary concept in Automatic Test Equipment (ATE). Freedom lets you test what you want, the way you want. Its open platform design takes advantage of today's advanced

technology and software to produce a state-of-the-art system that delivers maximum performance that can be updated easily. We share one objective and that is to configure and specify the most precise, economical and optimal solution possible. A variety of software platforms allows test engineers to quickly analyze the test data, share information, and find accurate solutions to their testing and production needs, all in a fully integrated, powerful turnkey system.

We're with you every step of the way. We'll engineer the system, build it, install it, and support it. Our commitment to ISO level quality assures that each system is fully tested for maximum performance and reliability by the same team that designed it for you. The result is the confidence that you have done the very best you can to accelerate your time-to-market as well as control your costs.



Racal Instruments is proud of our commitment to customer satisfaction. We routinely design and manufacture modified standard product offering as well as design and produce application-specific test instruments.

For additional information on how we can provide your test solution, please contact us at 800.722.2528 or e-mail us at sales@racalstruments.com



Racal Instruments Sales and Service spans the globe.

Racal Instruments' products are built to world-class standards and are backed by world-class service.

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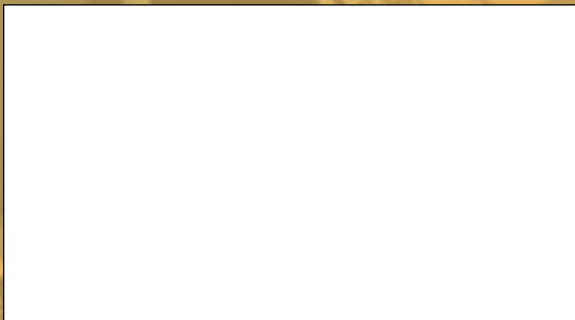
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