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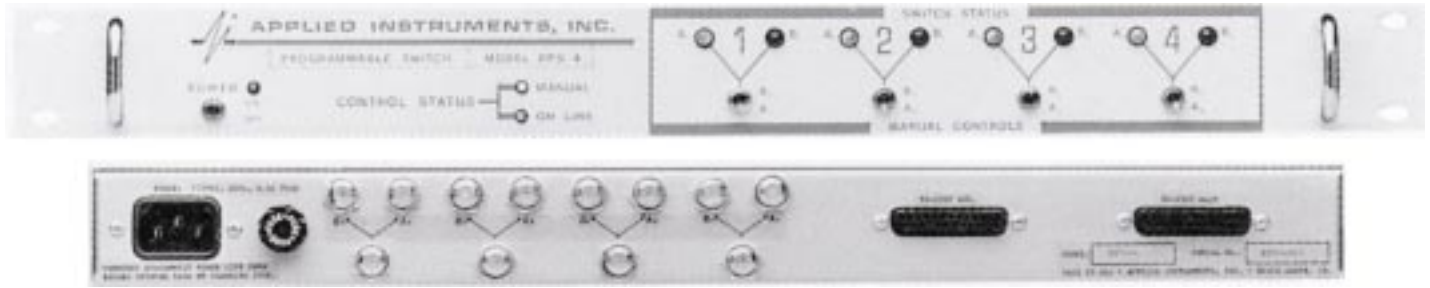
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# CATV

## 4-Module RF Switches

### Models RPS-4 & RPS 4+4



## SPECIFICATIONS

### WIDEBAND RF SWITCH MODULES:

Frequency range..... DC to 1 GHz  
 Impedance..... 75 Ohms  
 Maximum signal..... 250 mW

Insertion Loss*	Port to Port Isolation*	Return Loss*
50 MHz...0.20 dB	50 MHz...>75 dB	50 MHz...>22 dB
500 MHz..0.60 dB	500 MHz..>60 dB	500 MHz..>19 dB
750 MHz..0.8 dB	750 MHz..>55 dB	750 MHz..>17 dB
1 GHz....1.0 dB	1 GHz....>48 dB	1 GHz....>14 dB

\*(Primary-to-Common, Secondary-to-Common)

Unswitched port terminates into 75W

### MECHANICAL & ELECTRICAL:

Size (HxWxD)..... 1.75" x 19" (std. rack) x 11"  
 (4.5cm) x (48.3cm) x (27.9cm)  
 Power..... 120/240 VAC, 50/60 Hz  
 Operating temp. range.. 0° to 50°  
 Connectors..... Type F (standard) and 25 pin "D" type  
 Weight..... 6 lbs. (2.72kg)

### RPS 4+4 ONLY:

Frequency range..... DC to 30 kHz  
 Impedance..... 600 Ohm balanced or high impedance  
 unbalanced

Specifications subject to change without notice.

### STANDARD ACCESSORIES:

Operators manual  
 Power line cord

## RPS-4 & RPS 4+4

The RPS-4 and RPS 4+4 are versatile RF switches that satisfy many headend/hubster program switching requirements. Their ability to handle high frequency switching remotely or manually most differentiate the RPS-4s from other switches.

### RPS-4 & RPS 4+4 Features:

- Front panel toggle switches for manual operation
- Unused ports terminate in their characteristic impedance
- Four separate wideband (DC to 1000 MHz) SPDT switches

### RPS-4 Features:

- RS-232C control circuitry allows remote switch activation
- Auxiliary RS-232 port provides for additional equipment operation or serial "daisy chain"
- RS-232 reports switch status back to controller
- Serial or parallel operation TTL & RS-232 interfaces

### RPS 4+4 Features:

- Four additional audio DPDT switches for 600 W balanced use
- Activate switches remotely with TTL, contact closure, or open collector drivers

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