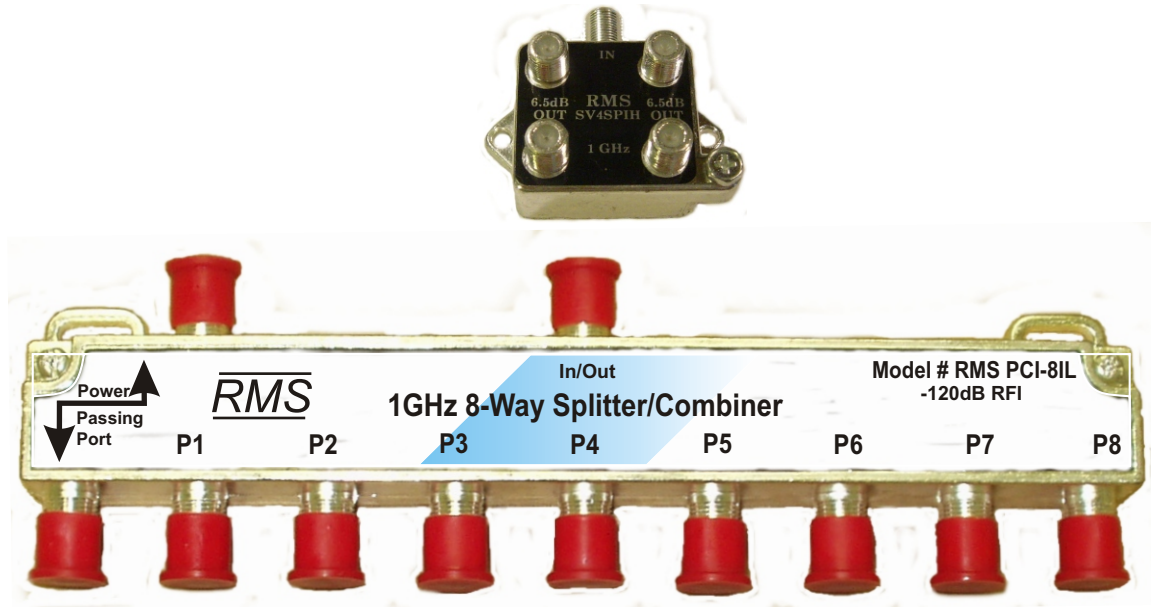




SV4SPIH & PCI-8IL Splitters

Special Use Passives



This family of “Special Splitters” offers many unique features. The SV4SPIH 4-way is unique in that the input port is offset 90 degrees from the vertical output ports. It is ideal for MDU applications. The PCI-8IL is a 8-way head-end splitter with a special through port that can be used for amps, directional couplers, equalizers ect. Also this unit is designed to be integrated into a head-end rack system.

Features:

- Bandwidth 5MHz to 1GHz
- RFI Shielding >-120dB
- Micro-strip designed PCB for consistency of specifications and superior total bandwidth characteristics
- Premium ferrites, resistors and capacitors
- Zinc housing that is chromated and plated for maximum corrosion resistance
- Precision machined “F” ports
- Each unit is individually packaged with mounting screws
- 100% quality control at our factory
- Dual flush mounting tabs for easy installation
- Integrated heavy duty grounding screw
- Modified 360 degree contacts that offer excellent contact between coax and F61 also has an excellent wiping action
- Concave solder backplate design assures 100% sealing of backplate to the housing and prevents pinholes
- Excellent insertion loss, isolation (port/port) & return loss (input/output)
- CE Approved

RMS Communications Inc

11516 Downs Road, Pineville, North Carolina. 28134 USA
Toll Free: 1-800-223-8312 - Phone (704) 588-4008

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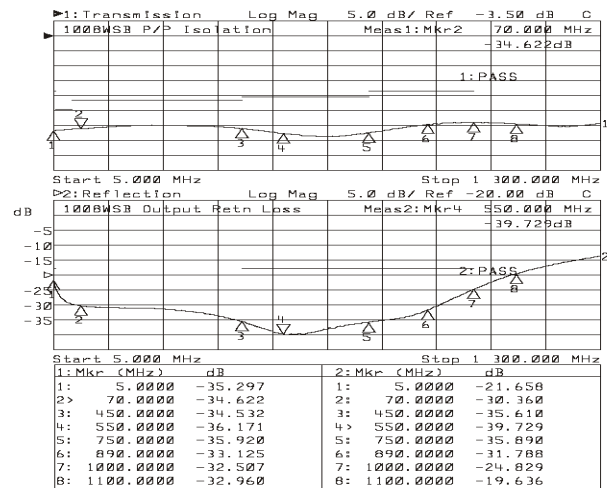
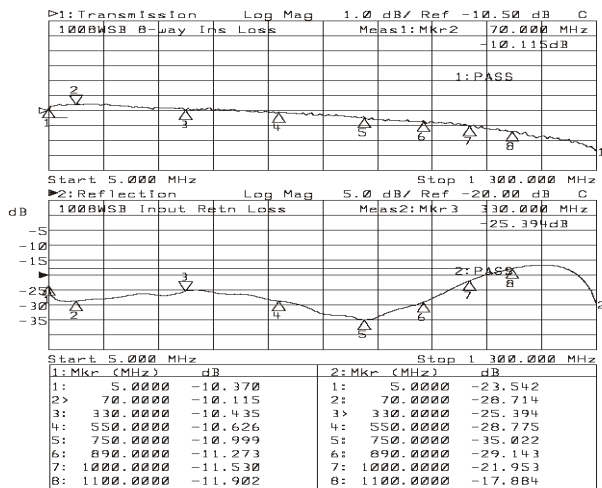
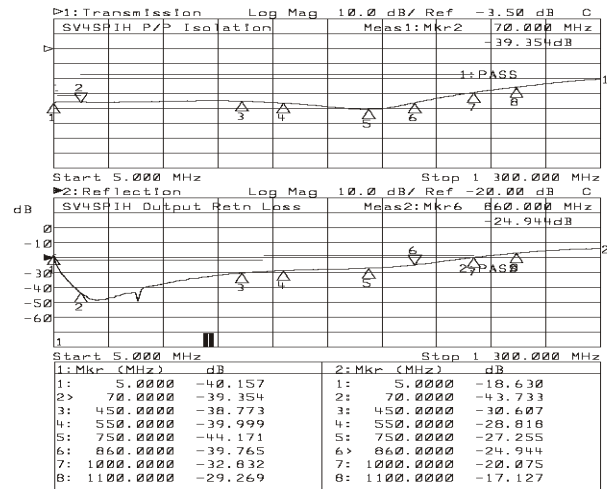
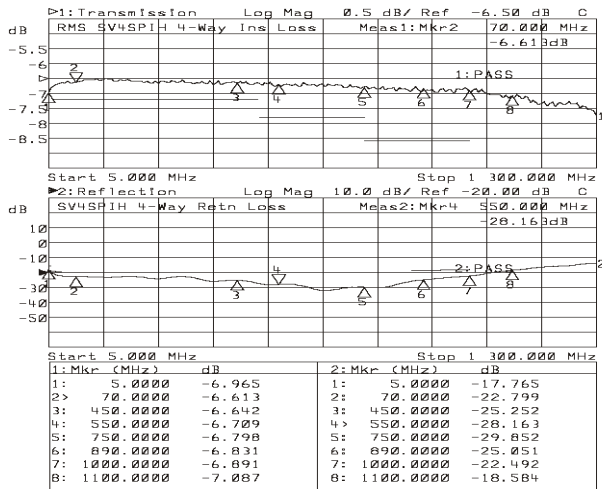
SV4SPIH & PCI-8IL Splitters

Special Use Passives

Specifications RMS Special Splitters

Parameter	Freq (MHz)	SV4SPIH		PCI-8IL	
		QA	Typical	QA	Typical
Insertion Loss (Max dB)	5-15	7.1	6.8	11.0	10.8
	15-40	7.2	6.8	11.0	10.8
	40-550	7.2	6.8	11.0	10.8
	550-750	7.6	7.2	11.8	11.5
	750-1GHz	8.2	7.8	12.5	12.0
Isolation (Min dB)	5-15	24	30	22	26
	15-40	35	40	28	31
	40-550	28	35	26	30
	550-750	25	30	23	27
	750-1GHz	22	28	22	27
Return Loss (Input & Output) (Min dB)	5-15	16	18	17	21
	15-40	18	20	19	23
	40-550	20	23	19	23
	550-750	20	22	19	22
	750-1GHz	18	20	17	20
Thru Port Loss PC8-IL	5 - 1000MHz	N/A	N/A	<1.0dB	<1.0dB

Typical Plots



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