



# WSB Standard Solder Back Splitters

2-Way, 3-Way (balanced & unbalanced), 4-Way & 8-Way



The RMS WSB standard series of splitters are rated at 5MHz to 1GHz and feature a concave solder back design.

## 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
- Laminated ID label that will not fade
- Zinc housing that is chromated and plated for maximum corrosion resistance
- Precision machined "F" port threads
- Each unit is individually packaged with mounting screws
- 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 back design assures 100% sealing of back plate to the housing and prevents pinholes
- Excellent insertion loss, isolation (port/port) & return loss (input/output)
- CE approved

RMS Communications Inc

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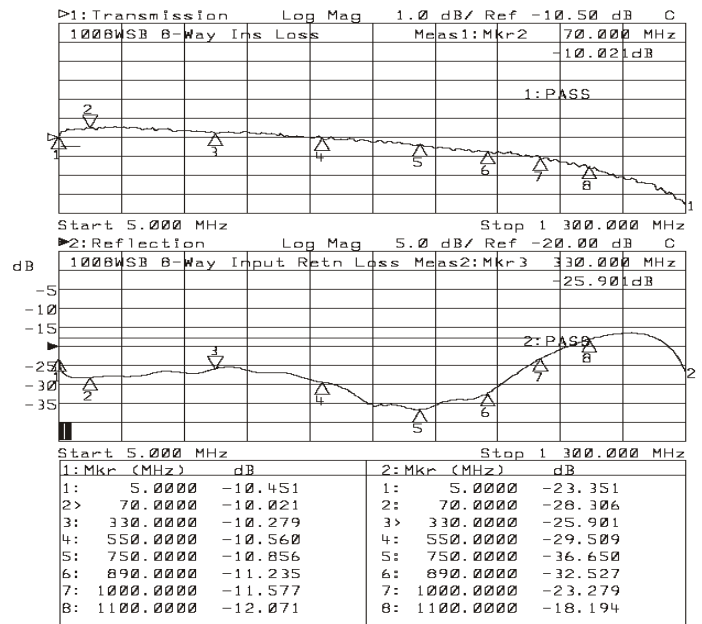
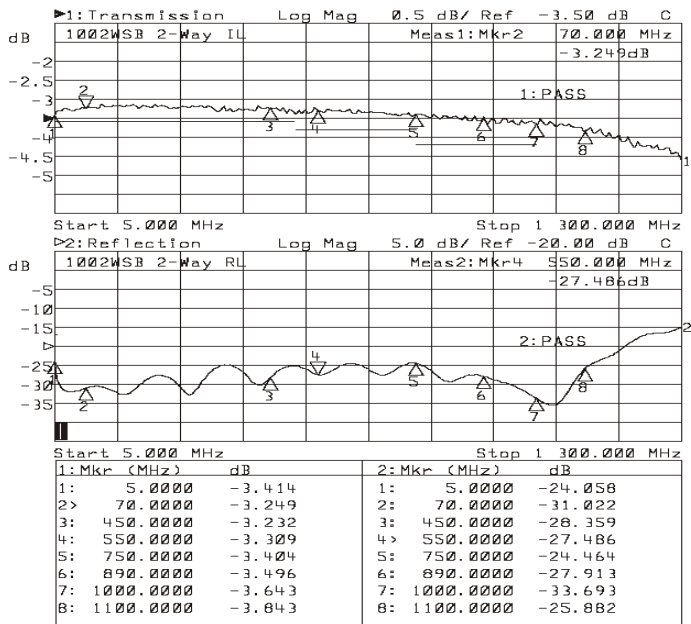


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Specifications WSB Splitters		1002WSB		1003WSB		1003WSBUB		1004WSB		1008WSB	
Parameter	Freq (MHz)	QA	Typical	QA	Typical	QA	Typical	QA	Typical	QA	Typical
Insertion	5 - 20	3.5	3.4	5.8	5.7	3.5/6.8	3.4/6.6	6.8	6.7	10.5	10.1
Loss (Max dB)	20 - 500	3.5	3.4	5.5	5.4	3.8/7.0	3.7/6.8	7.0	6.9	11.0	10.5
	500 - 750	3.8	3.7	6.0	5.8	3.8/7.5	3.7/7.2	7.5	7.3	11.5	11.3
	750 - 1000	4.4	4.2	6.8	6.5	4.4/8.2	4.2/8.0	8.2	8.1	12.5	12.1
Isolation (Min dB)	5 - 20	20	22	16	19	22	24	22	24	20	22
	20 - 500	25	28	24	26	25	27	25	27	25	28
	500 - 750	25	28	25	26	25	27	25	27	25	28
	750 - 1000	20	23	20	22	20	22	20	22	20	23
Return Loss (Input) (Min dB)	5 - 20	16	18	16	18	16	18	16	18	15	18
	20 - 500	20	22	20	22	20	22	20	22	20	22
	500 - 750	20	22	20	22	20	22	20	22	20	22
	750 - 1000	18	19	18	19	18	19	18	19	18	19
Return Loss (Output) (Min dB)	5 - 20	16	18	16	18	16	18	16	18	15	18
	20 - 500	20	22	20	22	20	22	20	22	20	22
	500 - 750	20	22	20	22	20	22	20	22	20	22
	750 - 1000	18	19	18	19	18	19	18	19	18	19
RFI (Min dB)	5-1000MHz	>-120	>-120	>-120	>-120	>-120	>-120	>-120	>-120	>-120	>-120
Water Proof Test (min)	10psi										
Impedance	75ohm										

## Typical Plots



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