



1004DCWSB Splitter/Combiner

High Isolation Headend Passives

DigiTap



The RMS 1004DCWSB splitters are ideal for headend applications. They have a very high port/port isolation, and also make excellent combiners, and are design to be integrated into a rack mount CATV 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
- Capacitors on ALL ports
- Zinc housing that is chromated and plated for maximum corrosion resistance
- Precision machined "F" ports that are SCTE compliant
- 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
- T & G backplate design assures 100% sealing of back plate to the housing
- Excellent insertion loss, isolation (port/port) & return loss (input/output)
- IM Spec of >-115dBc
- CE approved

RMS Communications Inc

11516 Downs Road, Pineville, North Carolina. 28134 USA
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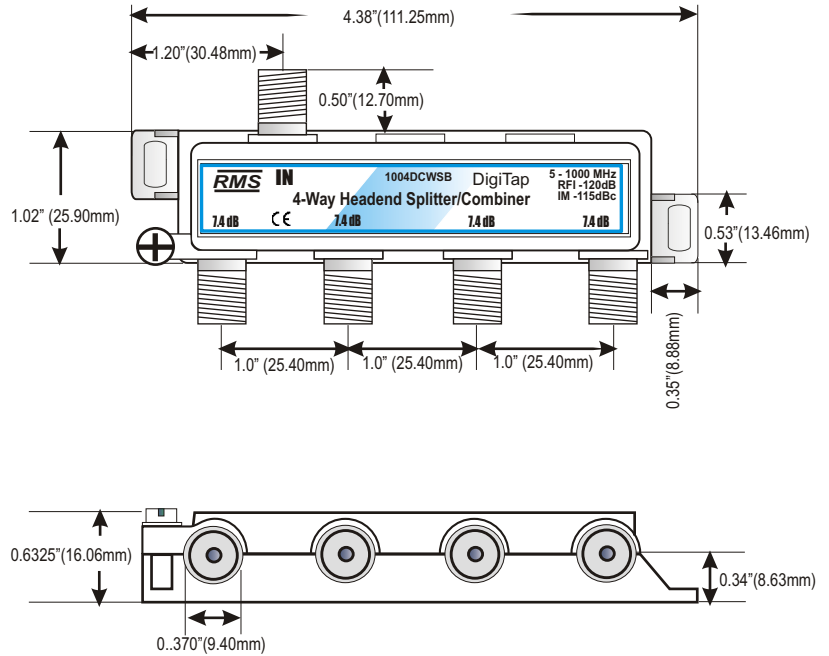
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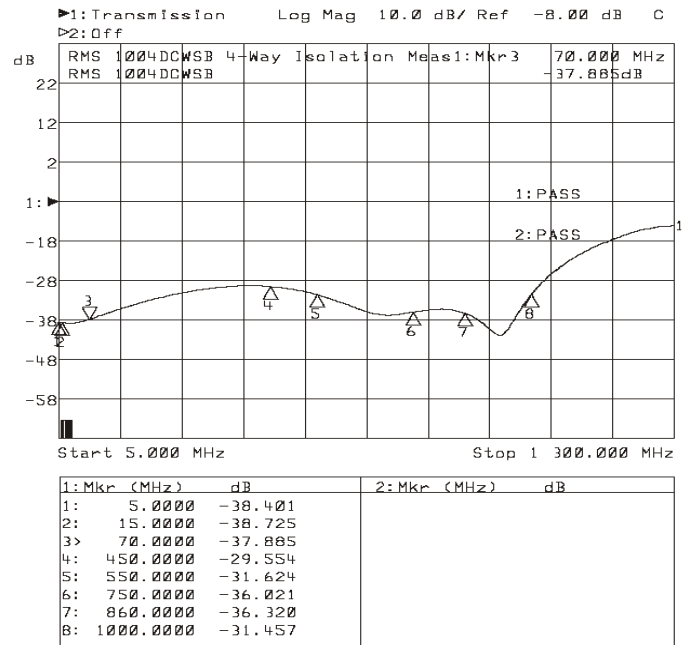
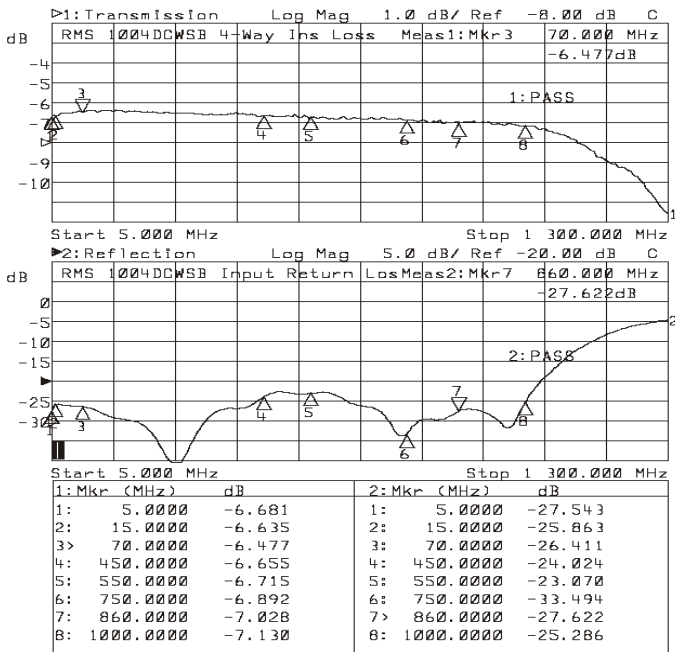
Specifications

Dimensions

Specifications RMS 1004DCWSB			
Parameter	Freq (MHz)	QA	Typical
Insertion	5-15	6.9	6.7
Loss (Max dB)	16-500	7.2	6.9
	500-750	7.4	7.1
	750-1000	7.8	7.4
Isolation (Min dB)	5-10	30	36
	11-15	32	38
	15-70	34	39
Return Loss (Input) (Min dB)	5-10	20	24
	10-500	22	26
	500-1000	20	24
Return Loss (Output) (Min dB)	5-10	20	24
	10-500	22	26
	500-1000	20	24
RFI (Min dB)	5-1000MHz	>-120	----->
Harmonics (dBc) Min 40 - 1000MHz One 60dBmV Signal in Return Path		>120dBc	
2nd & Higher Order Beats Two 60dBmV Signal in Return Path		>105dBc	
Surge Protection	6KV ring wave surge - C62.41 Cat A3		
Water Proof Test	>10psi		
Impedance	75 Ohm		



Typical Plots



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