



The RMS 1GHz indoor 2-Way, 3-Way and 4-Way in-line splitters are ideal for drop box or applications where space is limited. The 2-Way has 1" port spacing (SCTE compliant) and the 3/4-Way have 7/8" port spacing.

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" ports that are SCTE compliant (2-Way only port spacing)
- 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)
- 100% quality control at our factory
- CE approved

Specifications RMS 100234DHWSB

Parameter	Freq (MHz)	1002DHWSBSCTE		1003DHWSBUB		1003DHWSB		1004DHWSB		
		QA	Typical	QA	Typical	QA	Typical	QA	Typical	
Insertion	5 - 10	3.6	3.2	4.0/7.7	3.8/7.6	6.2	6.0	7.5	7.4	
	10 - 15	3.8	3.2	3.8/7.4	3.7/7.2	6.0	5.9	7.5	7.4	
	15 - 70	3.7	3.3	3.8/7.6	3.6/7.4	5.7	5.6	7.4	7.3	
	70 - 500	3.8	3.6	3.9/7.8	3.8/7.6	6.0	5.9	7.6	7.4	
	500 - 750	4.0	3.7	4.0/7.9	3.9/7.7	6.3	6.1	7.9	7.8	
Loss (Max dB)	750-1000	4.0	3.8	4.7/8.8	4.5/8.5	7.2	7.0	8.7	8.5	
	5 - 10	20	25	16	18	16	18	16	18	
	10 - 15	25	30	25	27	25	27	25	27	
	15 - 70	33	37	35	37	35	37	35	37	
	70 - 500	25	30	20	22	20	22	20	22	
Isolation (Min dB)	500 - 750	25	28	20	22	20	22	20	22	
	750-1000	25	28	20	22	20	22	20	22	
	5-10	20	25	16	18	16	18	16	18	
	(Input)	10-500	20	25	20	22	20	22	20	22
	(Min dB)	500-1000	20	25	20	22	20	22	20	22
Return Loss (Output) (Min dB)	5-10	20	25	16	18	16	18	16	18	
	10-500	20	25	20	22	20	22	20	22	
	500-1000	20	25	20	22	20	22	20	22	
RFI (Min dB)	5-1000MHz	>-130	>-130	>-130	>-130	>-130	>-130	>-130	>-130	
Harmonics (dBc) Min 40 - 1000MHz	>-110dBc									
2nd & Higher Order Beats 40 - 1000MHz	One 60dBmV Signal in Return Path									
Surge Protection	>-105dBc									
Water Proof Test	Two 60dBmV Signal in Return Path									
Impedance	1KV ring wave surge									
	>10psi									
	75 Ohm									

Typical Plots

