



# 100234DWSBSCTE

Deluxe 1GHz Horizontal Splitters



The RMS 100234DWSBSCTE passives are ideal for applications that require a high quality SCTE compliant splitter. These splitters are 6KV rated to meet the needs of modern CATV plants. They also have sealed "F" ports and a heavy duty nickel plated housing.

## 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
- 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 back design assures 100% sealing of back plate to the housing and prevents pinholes
- Excellent insertion loss, tap loss, isolation (port/port) & return loss (input/output)
- CE approved

**RMS Communications Inc**

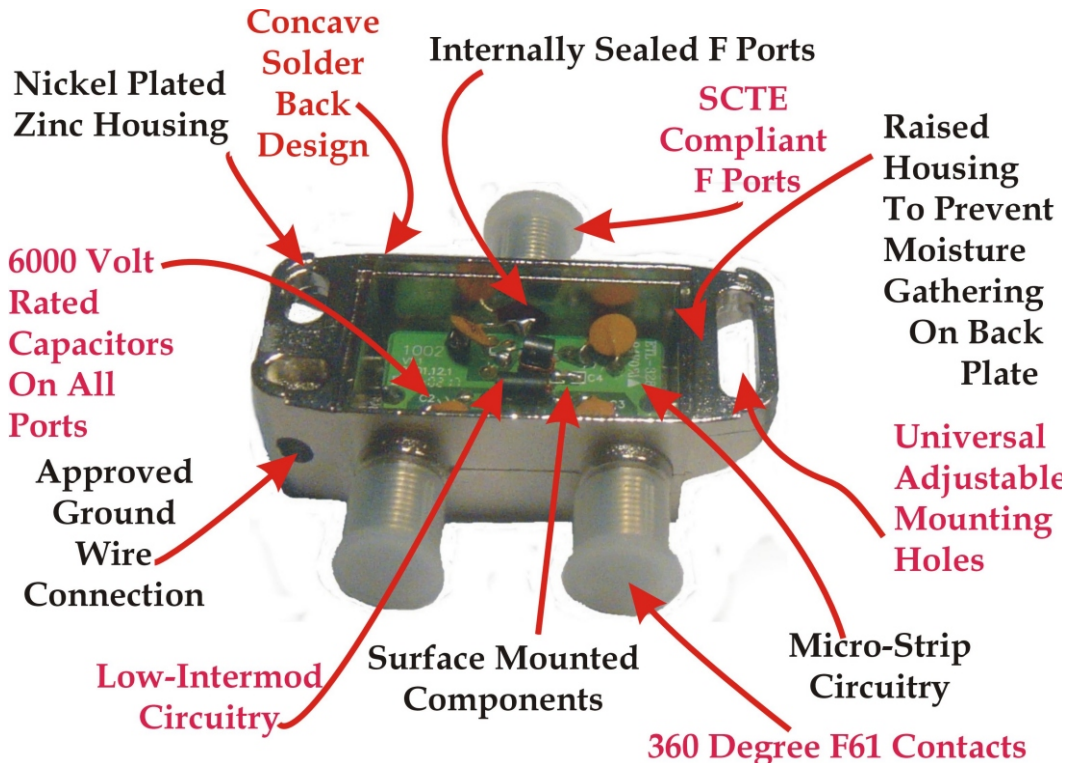
11516 Downs Road, Pineville, North Carolina. 28134 USA  
Toll Free: 1-800-223-8312 - Phone (704) 588-4008

# 100234DWSBSCTE

Deluxe 1GHz Horizontal Splitters

**Specifications RMS 100234DWSBSCTE**

Parameter	Freq (MHz)	1002DWSBSCTE		1003DWSBSCTE		1004DWSBSCTE	
		QA	Typical	QA	Typical	QA	Typical
Insertion Loss (Max dB)	5-15	3.6	3.5	5.6	5.5	7.5	7.4
	16-500	3.6	3.5	5.6	5.5	7.2	7.1
	500-750	3.8	3.6	6.0	5.9	7.8	7.6
	750-1000	4.2	3.9	6.5	6.3	8.6	8.1
Isolation (Min dB)	5-10	25	27	24	27	28	30
	11-15	30	32	28	30	32	34
	15-70	35	37	35	38	35	36
	70-1000	21	23	20	22	21	22
Return Loss (Input) (Min dB)	5-10	17	20	17	20	17	20
	10-500	20	22	20	21	20	22
	500-1000	20	22	19	21	20	22
Return Loss (Output) (Min dB)	5-10	18	20	17	20	19	20
	10-500	20	22	20	21	22	23
	500-1000	20	22	19	20	20	21
RFI (Min dB)	5-1000MHz	<-----	>-130	>-130	>-130	>-130	----->
Harmonics (dBc) Min 40 - 1000MHz		>110dBc					
2nd & Higher Order Beats 40 - 1000MHz		One 60dBm V Signal in Return Path >105dBc Two 60dBm V Signal in Return Path					
Surge Protection		6KV ring wave surge - C62.41 Cat A3					
Water Proof Test		>10psi					
Impedance		75 Ohm					



**RMS Communications Inc**

11516 Downs Road, Pineville, North Carolina. 28134 USA  
 Email: sales@rmscommunications.net - Phone (704) 588-4008