

The RMS 100234DWSBSCTE-N 1GHz splitters are ideal for applications that require a low cost high quality SCTE compliant splitter. These splitters are 6KV rated to meet the needs of modern CATV plants.

## Features:

■ Bandwidth 5MHz to 1GHz
$\square$ RFI Shielding >-120dB
$\square$ Micro-strip designed PCB for consistency of specifications and superior total bandwidth characteristics
$\square$ Premium ferrites, resistors and capacitors
$\square$ Laminated ID label that will not fade
$\square$ Zinc housing that is chromated and plated for maximum corrosion resistance
$\square$ 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
$\square$ 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
$\square$ Excellent insertion loss, tap loss, isolation (port/port) \& return loss (input/output) CE approved

## 100234DWSBSCTE-N

Special 1GHz Horizontal Splitters

| RMS " Economy" SCTE Splitters <br> Parameter <br> Frequency |  | 2-Way <br> 1002DWSBSCTE-N |  | 3-Way <br> 1003DWSBSCTE-N |  | 1004DWSBSCTE-N |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Insertion Loss | $5-15 \mathrm{MHz}$ | 3.7 | 5.6 | 7.6 |  |  |
| (Maximum) | $16-500 \mathrm{MHz}$ | 3.7 | 5.6 | 7.3 |  |  |
| $"$ | $501-750 \mathrm{MHz}$ | 3.8 | 6.1 | 7.9 |  |  |
| " | $751-1000 \mathrm{MHz}$ | 4.3 | 6.6 | 8.6 |  |  |
| Isolation | $5-10 \mathrm{MHz}$ | 25 | 24 | 28 |  |  |
| (Minimum) | $11-15 \mathrm{MHz}$ | 25 | 26 | 27 |  |  |
| $"$ | $16-70 \mathrm{MHz}$ | 28 | 28 | 28 |  |  |
| $"$ | $71-1000 \mathrm{MHz}$ | 20 | 20 | 20 |  |  |
| Return Loss | $5-10 \mathrm{MHz}$ | 16 | 16 | 16 |  |  |
| (Input) | $11-500 \mathrm{MHz}$ | 20 | 20 | 20 |  |  |
| (Minimum) | $501-1000 \mathrm{MHz}$ | 20 | 18 | 16 |  |  |
| Return Loss | $5-10 \mathrm{MHz}$ | 16 | 16 | 17 |  |  |
| (Input) | $11-500 \mathrm{MHz}$ | 20 | 20 | 21 |  |  |
| (Minimum) | $501-1000 \mathrm{MHz}$ | 20 | 18 | 20 |  |  |
| RFI (Minimum) | $5-1000 \mathrm{MHz}$ | 120 | 120 | 120 |  |  |
| Harmonics (dBc) Min | $40-1000 \mathrm{MHz}$ | 105 | 105 | 105 |  |  |
| Temperature | $5-1000 \mathrm{MHz}$ | -40 C to +70 C | -40 C to +70 C | -40 C to +70 C |  |  |
| Impedance | ------- | 750 hm | 750 hm | 750 hm |  |  |

## Typical Plots



Available through Multicom, Inc.
1076 Florida Central Parkway, Longwood, FL 32738

