



# Information Sheet



## Innovation™ TV & Modem Digital Splitter

*Ultra compact cable modem / TV splitter to install into a wall plate!*

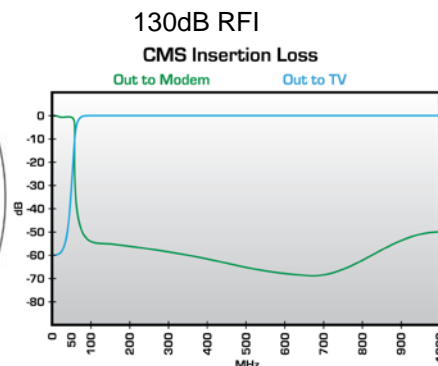
Gale Corporation now offers a unique solution with this patented TV and Modem Splitter that utilizes a dual-port wall plate to deliver signal to both a TV and cable modem with minimal signal interference. The top port is dedicated to the modem and the lower port feeds the digital TV. This dual-port configuration ensures clean and organized cable management at last!

### FEATURES

- TV & modem outputs
- Ultra-compact splitter size
- Conditioned modem port
- No attenuators, traps, or filters required
- 360° seizing pins on all ports
- Improved circuit for forward and reverse paths
- SMT components on internal PCB
- Flat end machine-threaded F-ports with no parting lines at base
- Easy access to ports for cable installation
- Easily identified color-coded port labels
- 5-48 Mhz passing for MODEM port
- 54-1000 Mhz passing for TV port
- Heavy duty cast zinc case with -



Part #	Description
CMSA	Cable – Modem Splitter



### Gale Corporation

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### Modem/TV Splitter Specifications

Model Number	CMSA	
<b>Insertion Loss (TV)</b>	<b>Frequency (MHz)</b>	<b>Maximum (dB)</b>
	5-15	56.7
	15-40	51.5
	40-300	5.0
	300-500	0.1
	500-750	0.1
	750-1000	0.3
<b>Insertion Loss (Modem)</b>	<b>Frequency (MHz)</b>	<b>Maximum (dB)</b>
	5-15	0.3
	15-40	0.9
	40-300	34.0
	300-500	61.1
	500-750	62.6
	750-1000	51.2
<b>Isolation</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	57.3
	15-40	51.2
	40-300	36.9
	300-500	61.0
	500-750	62.7
	750-1000	55.0
<b>Return Loss (In)</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	21.5
	15-40	17.5
	40-300	16.2
	300-500	26.4
	500-750	23.5
	750-1000	15.0
<b>Return Loss (TV)</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	0.1
	15-40	0.5
	40-300	15.4
	300-500	27.2
	500-750	24.2
	750-1000	14.4
<b>Return Loss (Modem)</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	20.0
	15-40	16.5
	40-300	7.6
	300-500	9.3
	500-750	8.3
	750-1000	5.7
<b>RFI Isolation</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-1000	130

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