



## Information Sheet



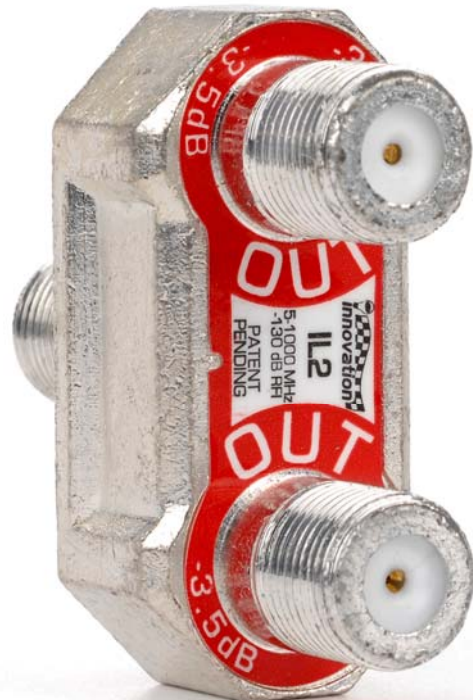
# Innovation™ 2-Way In-Line Splitter

*Unique ultra-compact in-line splitter!*

Gale Corporation's patented high performance inline splitter is designed to be used where space and cable length is limited. It is quite simply a tiny 1GHz splitter with no compromises in performance!

## FEATURES

- Ultra-compact splitter size
- 25% improved circuit performance over our competitors' splitters
- 360° seizing pins on all ports
- 6kV surge withstand
- SMT components on internal PCB
- Flat end machine-threaded F-ports with no parting lines at base
- Premium Intermodulation distortion & second harmonics performance
- Easily identified color-coded port labels
- Heavy duty cast zinc case & rear cover with nickel plating, soldered together for -130dB RFI



<u>Part #:</u>	<u>Price:</u>
IL2	\$3.29

## Gale Corporation

P.O. Box 417280 Sacramento, CA 95841 | 888.566.5728 | [info@galecorp.com](mailto:info@galecorp.com) | [www.galecorp.com](http://www.galecorp.com)

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## In-Line 2-Way Splitter Specifications

Model Number		IL2
<b>Insertion Loss (Out)</b>	<b>Frequency (MHz)</b>	<b>Maximum (dB)</b>
	5-15	3.2
	15-40	3.3
	40-300	3.2
	300-500	3.3
	500-750	3.3
	750-1000	3.6
<b>Isolation</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	35.1
	15-40	36.6
	40-300	30.7
	300-500	27.1
	500-750	26.9
	750-1000	26.3
<b>Return Loss (In)</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	29.0
	15-40	29.6
	40-300	31.3
	300-500	32.6
	500-750	31.0
	750-1000	26.3
<b>Return Loss (Out)</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-15	36.0
	15-40	33.8
	40-300	30.2
	300-500	27.3
	500-750	27.5
	750-1000	26.1
<b>RFI Isolation</b>	<b>Frequency (MHz)</b>	<b>Minimum (dB)</b>
	5-1000	130

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