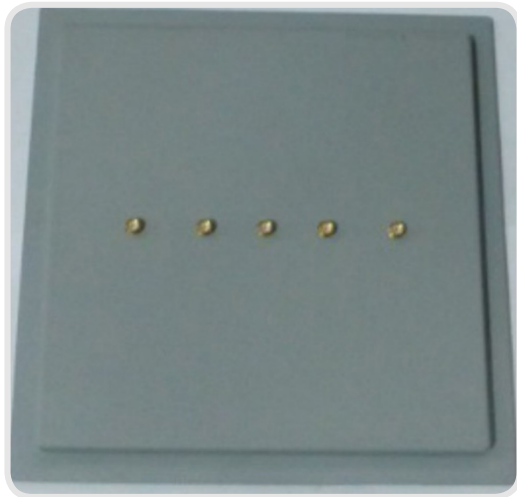


**ANTENNAS | SPLT-13**

# SPLT-13

690 - 960, 1710 - 1880 MHz GSM 4-WAY SPLITTER


  
 690 - 960  
 1710 - 1880  
 MHz

  
**VSWR**  
 <2.0:1

  
 Increase  
 x Mb/s

  
 -40°C to +70°C

  
 UL 94 V-1

**Product Overview**

The broadband 4-way splitter utilises cascade hierarchical Wilkinson splitter technology to ensure low loss, while providing good phase and amplitude balance.

**Features**

- Full GSM frequencies
- Low loss splitter
- Good phase and amplitude balance

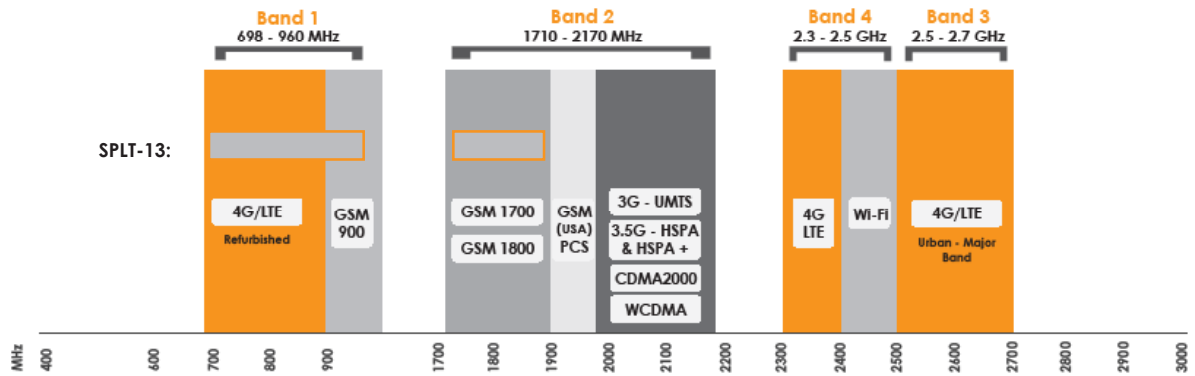
**Application areas**

- Least Cost Routers (LCRs)
- Splitting power from a single antenna to four independent devices

### Frequency bands

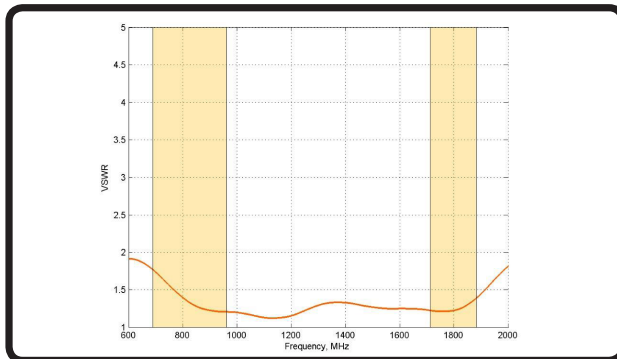
The SPLT-13 is a wide-band antenna that works from 690 - 960 MHz & 1710 - 1880 MHz

Indicates the bands on which this antenna works

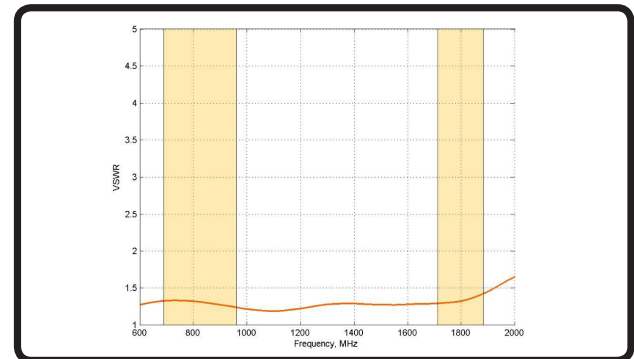


### Splitter Performance Plots

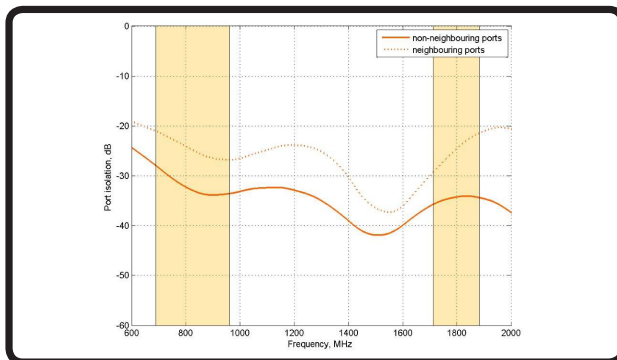
INPUT PORT VSWR:



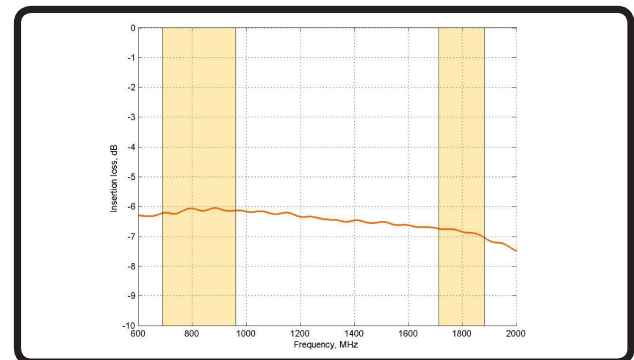
OUTPUT PORT VSWR:



ISOLATION:



INSERTION LOSS:



### Electrical Specifications

Frequency Bands:	690 - 960 MHz 1710 - 1880 MHz
VSWR (Input port):	<2.0:1
VSWR (Output port):	<2.0:1
Isolation:	>20dB
Phase imbalance:	< 2
Amplitude imbalance:	0.2 dB
Insertion loss (excluding splitting loss):	< 1.5 dB
Insertion loss (including splitting loss):	< 7.5 dB

### Mechanical Specifications

Product Dimensions (L x W x D):	150 mm x 165 mm x 20 mm
Packaged Dimensions:	Aerothene packaging
Weight:	140g
Packaged Weight:	148g
Random Material:	ABS
Random Colour in Pantone:	Grey
Random Colour in RAL:	Grey

### Environmental Specifications

Temperature Range (Operating):	-40°C to +70°C
Environmental Conditions:	Indoor
Operating Relative Humidity:	Up to 98%
Storage Humidity:	5% to 95% - non condensing
Storage Temperature:	-40°C to +70°C

### Product Box Contents

Antenna:	A-SPLT-0013
Connector (s):	5x SMA (f)

### Ordering Information

Commercial name:	SPLT-13
Order Product Code:	A-SPLT-0013
EAN number:	6009693810679

### Additional Accessories Available

Extension Cables:	None
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### Certification Approvals and Standards

Flammability rating:	UL 94-V1 EN 13823
Impact resistance:	IK 05
Salt Spray:	MIL-STD 810F/ASTM B117
Product Safety:	Complies with UL, CE, EN, CSA and IEC standards

For more detailed information and availability in your region, visit our web site: [www.poynting.tech](http://www.poynting.tech)



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#### SPLT-13

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Product Specifications may change without prior notice  
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