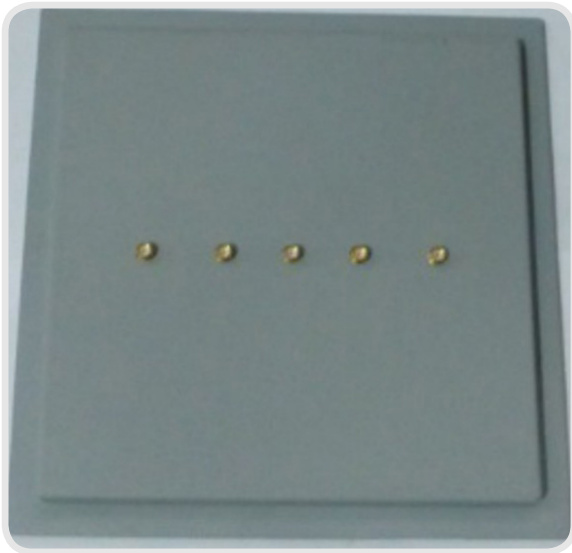


ANTENNAS | SPLT-13

# SPLT-13

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



## Product Overview

This product is capable of accepting a signal at its input and dividing it into 4 signals whose power is a quarter of the original.

## Features


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

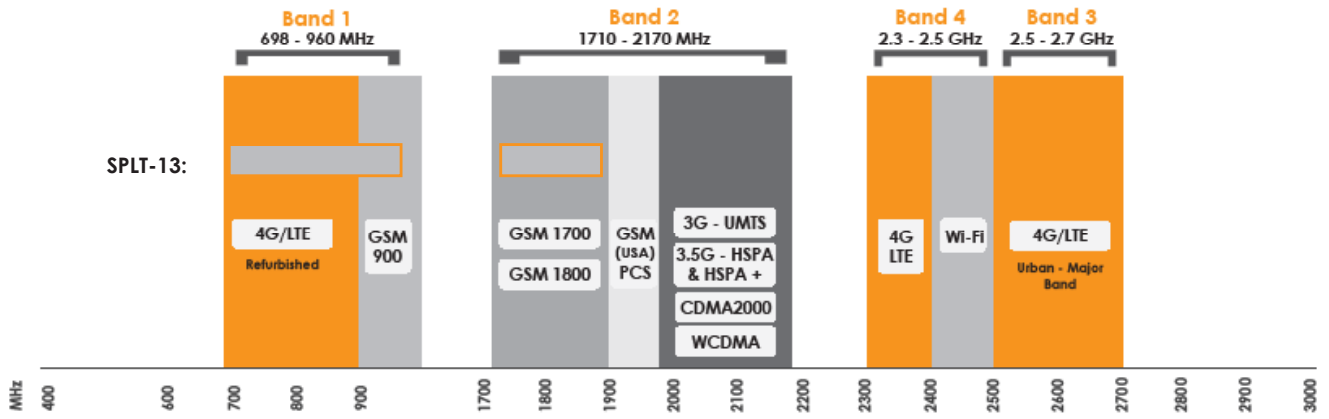
## Application areas

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

## Frequency bands

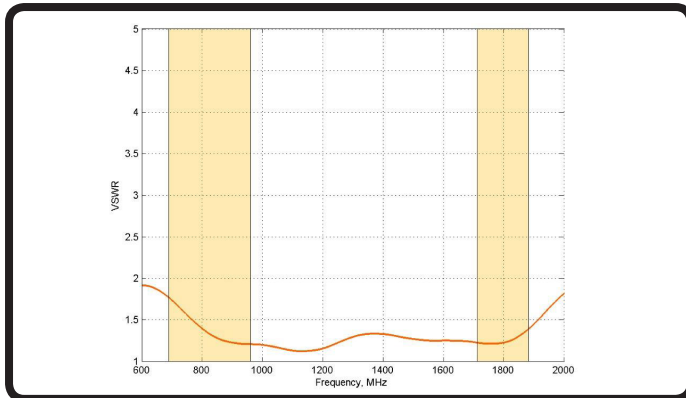
The SPLT-13 is a wide-band antenna that works from 690 - 960 MHz & 1710 - 1880 MHz

 Indicates the bands on which this antenna works

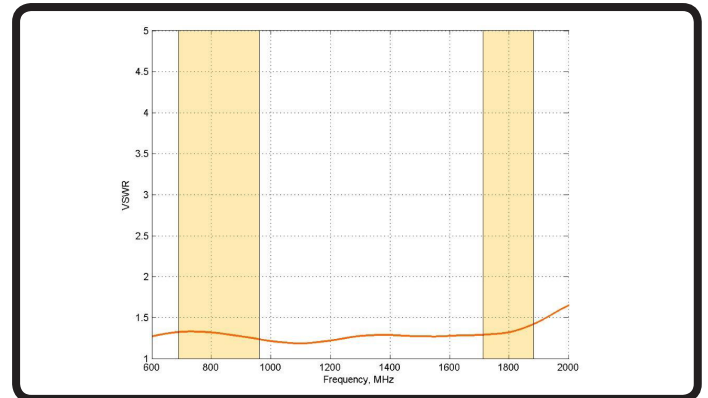


## Splitter Performance Plots

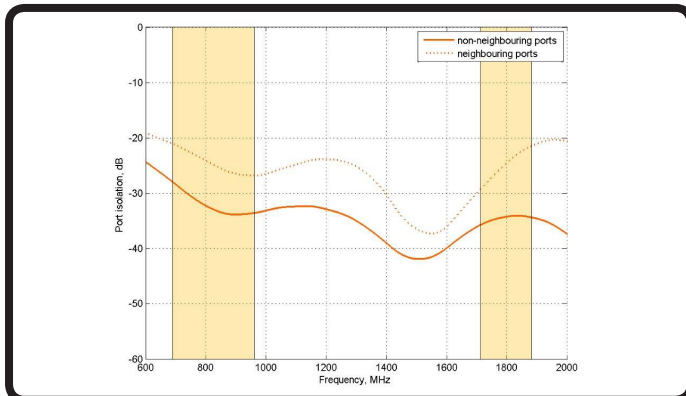
INPUT PORT VSWR:



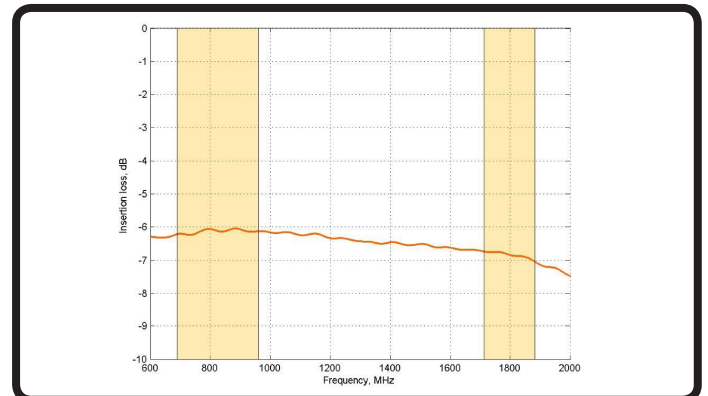
OUTPUT PORT VSWR:



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

## 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

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

## 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

## Product Box Contents

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

## 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



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### SPLT-13

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Product Specifications may change without prior notice

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