

Product Information: Rev 1A, Issue Feb 2018

**Using power divider PDW2-0627 it is possible in optimal way to connect two antennas with a single device or two devices with a single antenna.**

## Features

- Very wideband 600-2700MHz
- High isolation
- Solid reliable case
- Low insertion loss
- Nice look
- Small size

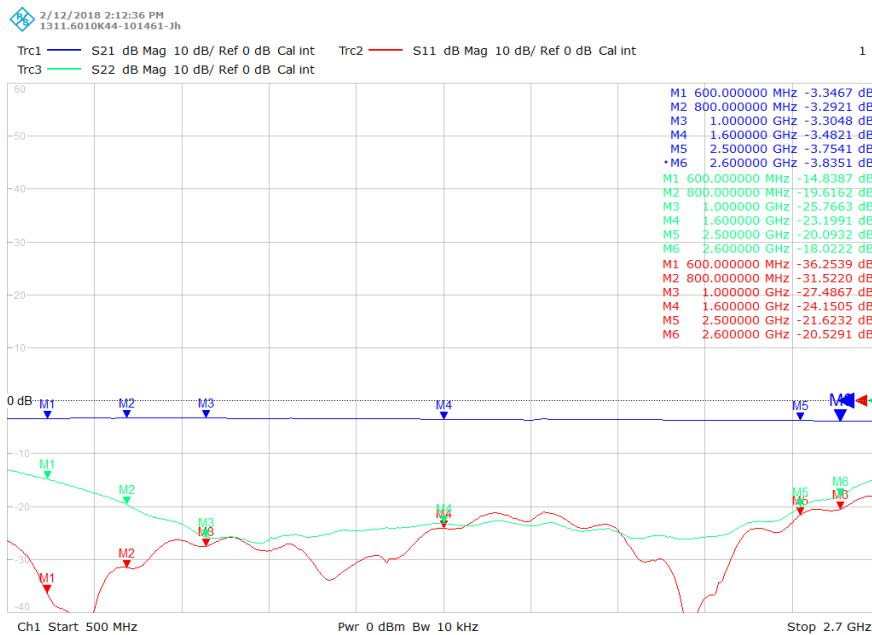
## Applications

- LTE800, LTE1800 and LTE2600
- UMTS2100
- EGSM900
- DCS1800
- WLAN2400
- defense

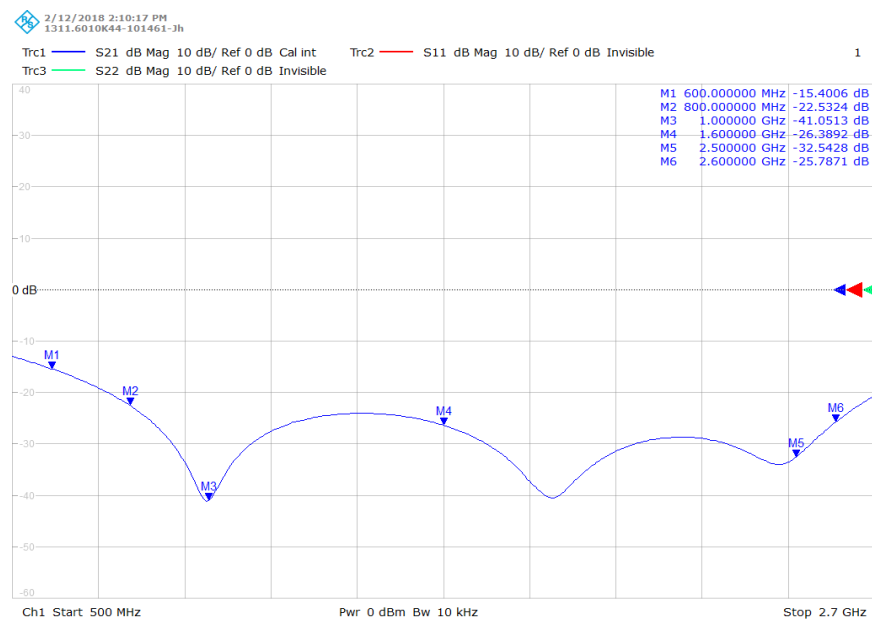


## TECHNICAL SPECIFICATIONS

Parameter	Specification
Frequency range	600-2700 MHz
Type	2-Way-0°
Insertion loss above 3dB:	@900MHz 0.3dB @1800MHz 0.6dB @2600MHz 0.9dB
Amplitude unbalance	0.2dB
VSWR	1.2:1 Typ.
Isolation:	@800-1000MHz Typ. 24dB Min. 20dB @1600-2500MHz Typ. 26dB Min. 22dB @2600MHz Typ. 24dB Min. 20dB
Input power	1W max.
Impedance	50Ω
Connectors	SMA-female
Enclosure type and dimensions	Aluminium housing, solid, indoor; 35x35x16mm
Input Power	1W max.



*Example of transfer function and input matching of PDW2-0627S.*



*Example of isolation between output ports of PDW2-0627S.*

## ORDERING INFORMATION \*

Model	Description
PDW2-0627S	Divider with default RF connectors SMA-female 50Ω

\* Ask Rantelon for other parameters.

Rantelon reserves the right to change the specification without notice.