

Product Information: Rev 1A, Issue Dec 2013, Revised Dec 2013

Using power divider PDW2-0727 it is possible in optimal way to connect two antennas with a single device or two devices with a single antenna.

KEY FEATURES

- Very wideband
- High isolation
- Solid reliable case
- Low insertion loss
- Nice look

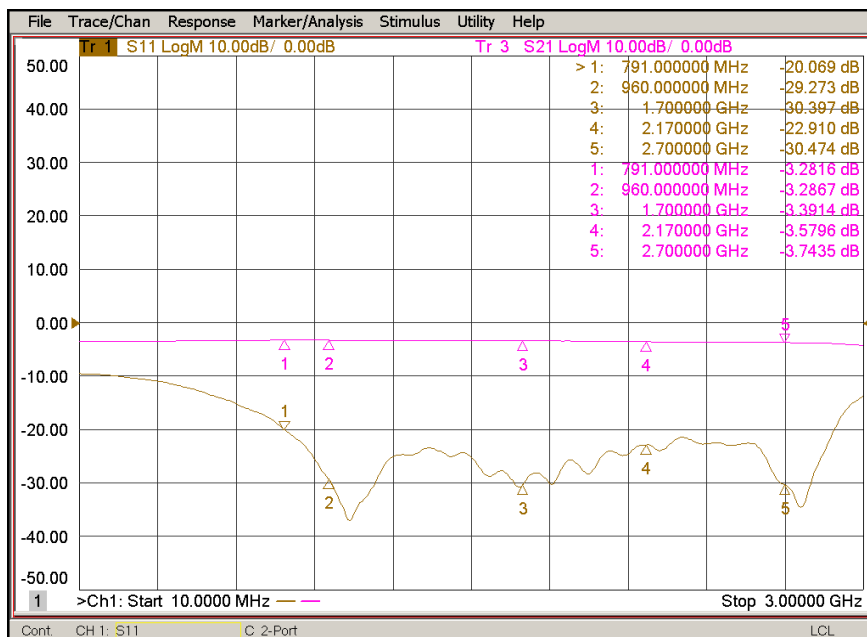
APPLICATION AREAS

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



TECHNICAL SPECIFICATIONS

Parameter	Specification
Frequency range	698-2700 MHz
Type	2-way
Insertion loss above 3dB:	@900MHz 0.3dB @1800MHz 0.5dB @2600MHz 0.8dB
Amplitude balance	0.2dB
VSWR	1.2:1 typical
Isolation:	@900MHz 25dB @1800MHz 20dB @2600MHz 22dB
Input power	1W max.
Impedance	50Ω
Connectors	N-female by-default; <i>Ask Rantelon for other type!</i>
Enclosure type and dimensions	Aluminium housing, solid, indoor; 40x60x35mm



Example of transfer function and input matching of PDW2-0727-50N.



Example of isolation between output ports of PDW2-0727-50N.

ORDERING INFORMATION *

Model	Description
PDW2-0727-50N	Divider with default RF connectors N-female 50Ω
PDW2-0727-XXX	Other PDW2-0727 options are available on special order

* Ask Rantelon for other parameters.

Rantelon reserves the right to change the specification without notice.