

Miniature Receiver Power Splitter

DESCRIPTION

- Miniature receiver power splitter.
- Large frequency range: 1475 MHz to 1675 MHz.
- High isolation between outputs: > 20 dB.
- To be used where RF-signals, especially GPS-signals, shall be divided or combined:
 - more receivers connected to the same coaxial cable
 - more GPS-antennas on the same coaxial cable
 - spectrum analyzer and GPS-receiver on the same coaxial cable.
- FME-male on all ports (other connectors on request).
- Low weight.

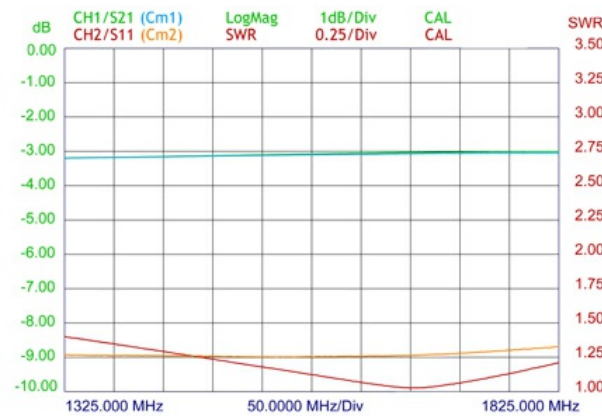
ORDERING

Type	Product No.	Description
MRPS2-GPS	200000995	DC pass on all ports
MRPS2-GPS-1DC	200001001	DC pass from RX port 1 to ANT port
MRPS2-GPS-2DC	200001003	DC pass from RX port 1 to ANT port and from RX port 2 to ANT port, but NOT from RX port 1 to RX port 2

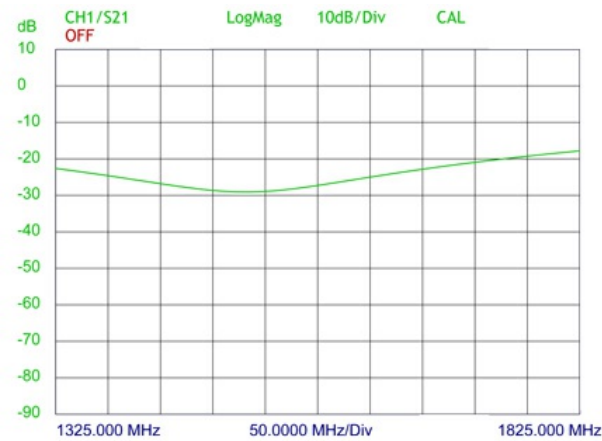
ADDITIONAL DATA

TYPICAL RESPONSE CURVES

INSERTION LOSS



ISOLATION



SPECIFICATIONS

Electrical	
Model	MRPS2-GPS-...
Frequency	1475 - 1675 MHz
Insertion Loss	3.3 dB +/- 0.3 dB
Isolation Rx1 To Rx2	Min. 17 dB typ. > 20 dB
Maximum Input Power	Max. 0.5 W per port
Input VSWR	< 1.5:1 typically < 1.3:1
Output VSWR	Max. 2.0:1 typically < 1.5:1
No. Of Channels	2

Mechanical	
Connection(s)	FME male, 3 pcs.
Dimensions	50 x +50 x 21 mm
Weight	0.065 kg / 0.14 lb