

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.
- Two mounting options available:
 - Dual-adhesive pad for quick installation.
 - Mounting brackets with ø3.2 mm holes for screw mounting.



ORDERING

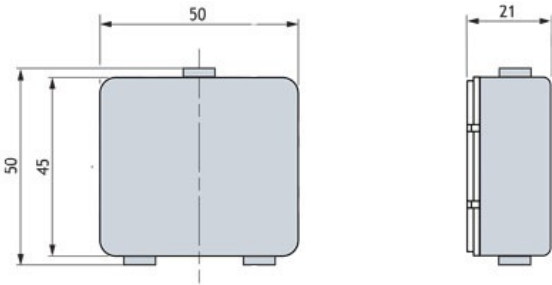
Type	Product No.	Description
Mounting Option: Dual-adhesive pad		
MRPS2-GPS	200000995	DC pass on all ports.
MRPS2-GPS-1DC	200001001	DC pass from Rx port 1 to ANT port
MRPS2-GPS-2DC	200001003	DC pass from Rx port 1 to ANT port and from Rx port 2 to ANT port, but NOT from Rx port 1 to Rx port 2
Mounting Option: Mounting brackets		
MRPS2-GPS-M	200002773	DC pass on all ports.
MRPS2-GPS-1DC-M	200002774	DC pass from Rx port 1 to ANT port
MRPS2-GPS-2DC-M	200002775	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

SPECIFICATIONS

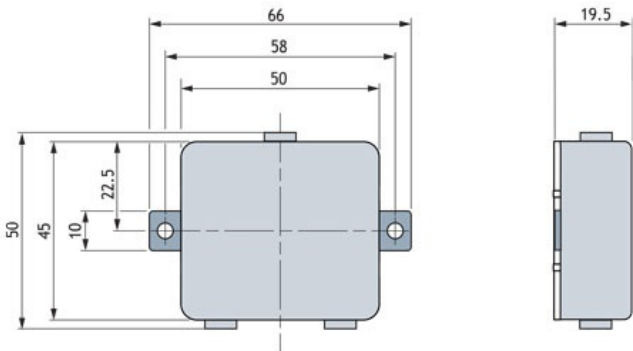
Electrical	
Model	MRPS2-GPS-...
Frequency	1475 - 1675 MHz
Max. Input Power	Max. 0.5 W per port
Insertion Loss	3.3 dB ±0.3 dB
Isolation Rx1 To Rx2	Min. 17 dB typ. > 20 dB
Input VSWR	Max. 1.5:1 typ. < 1.3:1
Output VSWR	Max. 2.0:1 typ. < 1.5:1
No. of Channels	2 - 2
Mechanical	
Connection(s)	FME male, 3 pcs.
Dimensions	50 x 50 x 21 mm / 1.97 x 1.97 x 0.83 in.
Weight	Approx. 0.065 kg / 0.14 lb

MOUNTING DETAILS

Dual-adhesive pad for quick installation

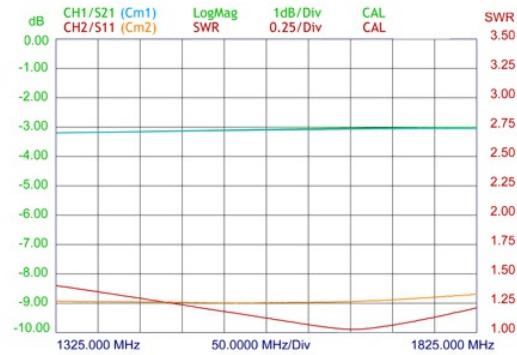


Mounting brackets with ø3.2 mm holes for screw mounting



TYPICAL RESPONSE CURVES

INSERTION LOSS



ISOLATION

