

4-channel RX Power Splitter

DESCRIPTION

- Passive receiver power splitter.
- Large frequency range. 1500 MHz to 1650 MHz.
- High isolation between outputs. > 20 dB.
- To be used where RF-signals, special 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.
- N-female on all ports. (Other connector types on request).
- DC-pass on all ports. (Other possibilities on request).

SPECIFICATIONS

Electrical	
Model	PRO-RPS-4-GPS-N
Frequency	1500 - 1650 MHz
Max. Input Power	Max. 0.5 W each port
Insertion Loss	6.5 dB +/- 0.5 dB
Input VSWR	< 1.5:1 typically < 1.3:1
Output VSWR	Max. 1.5:1 typically < 1.3:1
Isolation Between Outputs	Min. 20 dB typ. = 25 dB
DC Pass	Yes - all ports
No. of Channels	4 - 4

Mechanical	
Connection(s)	N(f)
Dimensions	129 (incl. conn.) x 152 (incl. flanges) x 35 mm 5.08 x 5.98 x 1.38"
Weight	0.28 kg / 0.62 lb

Environmental	
Operating Temperature Range	-30°C to +60°C

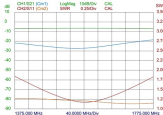
ORDERING

Type	Product No.
PRO-RPS-4-GPS-N	210000664

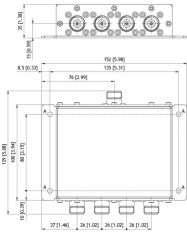


DIAGRAM

INSERTION LOSS & ISOLATION



MOUNTING DETAILS (Dimensions excl. cover)



All dimensions are given in mm [in.]

