

Miniature 4-Channel Receiver Multicoupler for the 4 m, 3 m and 2 m bands

DESCRIPTION

- For use where four receivers have to share the same antenna.
- High isolation between the four receivers: > 20 dB.
- High-dynamic range amplifier built in to compensate for loss in the multicoupler network.
- Ultra high third-order intercept point: > +37 dBm.
- Low noise figure for the amplifier: < 1.2 dB.
- 12 V operating voltage (24 V as option).



ORDERING

Type	Product No.
PRO-MARHP4-4-3-2-12V	210000173

ADDITIONAL DATA

EU DECLARATION OF CONFORMITY

Hereby Amphenol Procom declare that the product type PRO-MARHP4-4-3-2-12V is in compliance with EU Directive 2014/53/EU.  
The full text of the EU Declaration of Conformity is available at:

</images/shop/catalog/pdf-for-catalouges/Declaration-of-Conformity-PRO-MARHP.pdf>

SPECIFICATIONS

Electrical	
Gain (Input To All Outputs)	2 dB +/- 1 dB (Gain adj. 1 dB to 11 dB)
Frequency	68 - 180 MHz
Noise Figure	< 1.2 dB
OIP3	> +31 dBm
Impedance	50 Ω
P1dB	> 10 dBm
Isolation Between Outputs	> 20 dB
Power Supply	12 V @ 60 mA
Input VSWR	< 3.5:1 typically < 2.0:1
Output VSWR	Max. 1.5:1 typically < 1.3:1
No. Of Channels	4
Mechanical	
Connection(s)	N(f)
Dimensions	138 (incl. connectors) x 152 (incl. flanges) x 35 mm
Weight	0.5 kg / 1.10 lb
Environmental	
Operating Temperature Range	-30°C to +60°C

