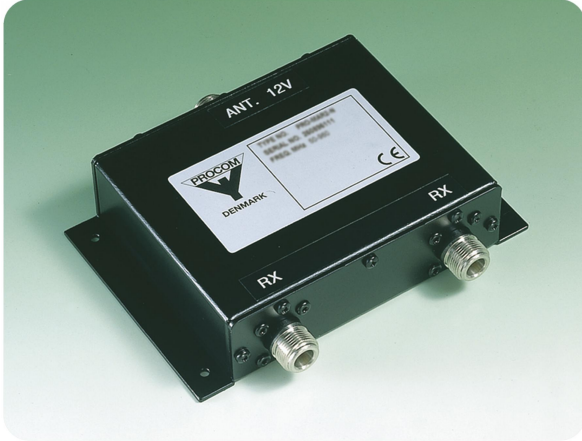


# HPRS2-N

## Miniature 2-Channel Receiver Multicoupler

### DESCRIPTION

- For use where two receivers have to share the same antenna.
- High isolation between the two receivers: > 20 dB.
- High-dynamic range amplifier built in to compensate for loss in the multicoupler network.
- High third-order intercept point, > +37 dBm.
- Low noise figure, < 3.5 dB for the amplifier.
- Wide frequency range. Covers 50-960 MHz (10 kHz-60 MHz version available).
- 12 V operating voltage (24 V as option).
- N-female connectors on input and outputs (other types available).
- P1dB > +21 dBm.



### ORDERING DESIGNATIONS

TYPE NO.	PRODUCT NO.
HPRS2-N	210000201

### SPECIFICATIONS

ELECTRICAL	
FREQUENCY RANGE	50–960 MHz (option 10 kHz - 60 MHz)
GAIN INPUT TO ALL OUTPUTS	-6 dB → + 4 dB adjustable @ 500 MHz
NOISE FIGURE, AMPLIFIER	< 3.5 dB @ 500 MHz
NOISE FIGURE, OUTPUTS 1-2	< 5.5 dB @ 500 MHz @ 0 dB gain
3rd ORDER INTERCEPT POINT	> +37 dBm
P1dB	> +21 dBm
INPUT SWR	Max. 2.5 typically < 1.5
OUTPUT SWR	Max. 2.0 typically < 1.5
ISOLATION OUTPUT TO OUTPUT	> 20 dB
ISOLATION OUTPUT TO INPUT	> 20 dB
VOLTAGE	12 V @ 500 mA
MECHANICAL	
DIMENSIONS (L x W x H)	138 (incl. connectors) x 152 (incl. flanges) x 35 mm
WEIGHT	Approx. 360 g



PROCOM A/S reserve the right to amend specifications without prior notice.

14/11/11