

## PRO-ARHP4GS-N

19" Rack-Mountable High Performance  
4-Channel RX-Multicoupler



### DESCRIPTION:

- ★ Short wave receiver multicoupler with 1 input and 4 outputs.
- ★ Ultra-high dynamic range amplifier to compensate for loss in multicoupler network.
- ★ Ultra-high third-order intercept point > +40 dBm.
- ★ 19" rack-mountable 4-channel receiver multicoupler.
- ★ Only 1 HU (1 height unit HU = 44.45 mm).
- ★ Galvanically isolated 230 Vac / 12 Vdc power supply (24 V as option).
- ★ Automatic switching to 12 V if 230 V mains supply fails.
- ★ Covers the HF-frequencies 0.1-40 MHz (other options available).
- ★ High isolation between the four receivers: > 25 dB.
- ★ Low-noise figure: < 3.5 dB for amplifier.
- ★ N-female connectors on input and outputs (other types as option).
- ★ Available with connectors on front.
- ★ "POWER ON" lamp on front.
- ★ Preselector can be built in.
- ★ 230 Vac IEC connector CEE22 fitted with mains filter.
- ★ 12 Vdc terminal connector block fitted with noise filter.
- ★ P<sub>1dB</sub> > +20 dBm.



### SPECIFICATIONS:

ELECTRICAL	
FREQUENCY RANGE	0.1-40 MHz
GAIN INPUT TO ALL OUTPUTS	2 dB ± 2 dB
NOISE FIGURE AMPLIFIER	< 3.5 dB @ 10 MHz
NOISE FIGURE OUTPUTS 1-2-3-4	< 5.5 dB @ 10 MHz
3rd ORDER INTERCEPT POINT	> +40 dBm
P <sub>1dB</sub>	> +20 dBm
INPUT SWR	Max. 2.0, typically < 1.5
OUTPUT SWR	Max. 2.0, typically < 1.5
ISOLATION OUTPUT TO OUTPUT	> 25 dB
ISOLATION OUTPUT TO INPUT	> 40 dB
VOLTAGE	230 V @ 0.2 A / 12 V @ 1 A
MECHANICAL	
DIMENSIONS (L x W x H)	261 x 19" (483) x 1 HU (44.45) mm
WEIGHT	Approx. 2.8 kg

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