

PRO-AR4G-N

19" Rack-Mountable 4-Channel
RX-Multicoupler



DESCRIPTION:

- ★ 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.
- ★ Wide frequency range. Covers 50-960 MHz.
- ★ Other versions available:
10 kHz – 60 MHz
1 GHz – 3 GHz.
- ★ High isolation between the four receivers: > 20 dB.
- ★ High-dynamic range amplifier to compensate for loss in multicoupler network.
- ★ High third-order intercept point: > +30 dBm.
- ★ Low-noise figure: < 3.5 dB for amplifier.
- ★ N-female connectors on input and outputs (other types available).
- ★ Available with connectors on front.
- ★ "POWER ON" lamp on front.
- ★ Preselector can be built in (BPF 4/4, BPF 2/4, BPF 70/4-HX, etc.).
- ★ 230 Vac IEC connector CEE22 fitted with mains filter.
- ★ 12 Vdc terminal connector block fitted with noise filter.
- ★ $P_{1dB} > +20$ dBm.



SPECIFICATIONS:

ELECTRICAL	
FREQUENCY RANGE	50-960 MHz
GAIN INPUT TO ALL OUTPUTS	2 dB \pm 2 dB
NOISE FIGURE AMPLIFIER	< 3.5 dB @ 500 MHz
NOISE FIGURE OUTPUTS 1-2-3-4	< 5.0 dB @ 500 MHz
3rd ORDER INTERCEPT POINT	> +30 dBm
P_{1dB}	> +20 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	230 V @ 0.1 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.