

# PRO-AR16G-N

## 19" Rack-Mountable 16-Channel RX-Multicoupler

### DESCRIPTION

- Only 2 HU (2 height unit HU = 88.9 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:
  - 100 kHz - 60 MHz
  - 1 GHz - 3 GHz.
- High isolation between the 16 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.
- P1dB > +20 dBm.



### ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
PRO-AR16G-N	210000111

### SPECIFICATIONS

ELECTRICAL	
MODEL	PRO-AR16G-N
FREQUENCY RANGE	50 – 960 MHz
GAIN INPUT TO ALL OUTPUTS	2 dB ± 2 dB
NOISE FIGURE, AMPLIFIER	< 3.5 dB @ 500 MHz
NOISE FIGURE, OUTPUTS 1-8	< 5.5 dB @ 500 MHz
3rd ORDER INTERCEPT POINT	> +30 dBm
P1dB	> +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 @ 1.8 A
MECHANICAL	
DIMENSIONS (L x W x H)	261 x 19" (483) x 2 HU (88.9) mm
WEIGHT	Approx. 4.4 kg



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

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