

AMP 0.1-100

Miniature Dynamic Low-noise Preamplifier



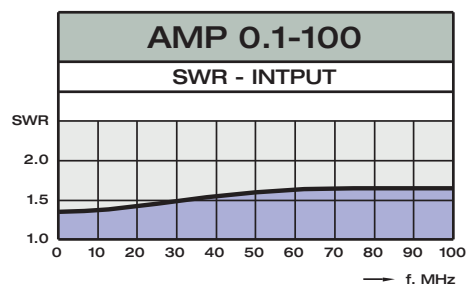
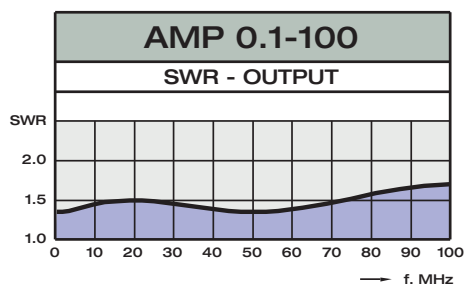
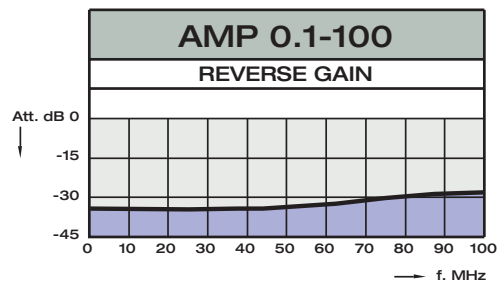
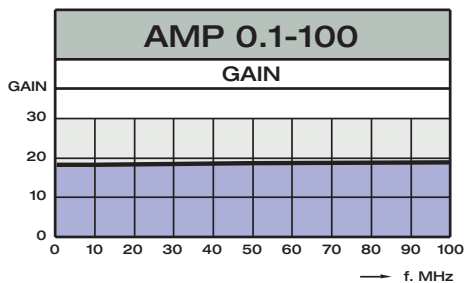
DESCRIPTION:

- ★ Miniature dynamic low-noise preamplifier.
- ★ Ultra-high P_{1dB} -compression point.
- ★ Ultra-high 3rd order intercept point $\geq +25$ dBm.
- ★ To be used where extra preamplification is needed:
 - receivers with long antenna cabling
 - measuring instruments
 - multicoupler systems
 - scanners.
- ★ Low noise figure < 3 dB.
- ★ 12 V operational voltage (24 V as option).
- ★ Provided with FME-male connector on input and output.



SPECIFICATIONS:

ELECTRICAL	
MODEL	AMP 0.1-100
FREQUENCY RANGE	0.1-100 MHz
GAIN [S21]	+18 dB
P_{1dB}	+15 dBm
NOISE FIGURE	< 2.7 dB @ 80 MHz
3 rd ORDER INTERCEPT POINT	+25 dBm
INPUT SWR	Max. 2 typically ≤ 1.7
OUTPUT SWR	Max. 2 typically ≤ 1.7
ISOLATION OUTPUT TO INPUT	> 20 dB
VOLTAGE	11-18 V @ 12 V; 80 mA (24 V as option)
MECHANICAL	
CONNECTORS	FME-male, 2 pcs. + flexible wire
DIMENSIONS (L x W x H)	50 x 40 x 20 mm
WEIGHT	Approx. 65 g



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