



Optimum amplifier for EMC emission noise measurement

■ 0.1-500MHz LOW NOISE AMPLIFIER MAP301

Capable of emission noise measurement of CISPR25 in combination with loop antenna MAN120.

■ 0.02-3GHz LOW NOISE AMPLIFIER MAP302

- Capable of both emission noise measurements of horizontal and vertical polarization in combination with biconical antenna MAN150.
- Available for pre-amplifier of spectrum analyzer.



SPECIFICATIONS

ITEMS	MAP301	MAP302
Frequency range	100kHz to 500MHz	20MHz to 3GHz
Noise figure	3.5dB typical	3.5dB typical
Gain	50dB nominal	20dB nominal
Gain flatness	1.5dBp-p (0.1 to 100MHz,typical) 2.5dBp-p (0.1 to 500MHz,typical)	2.5dBp-p (0.02 to 1GHz,typical) 5.5dBp-p (0.02 to 3GHz,typical)
P1dB	+8dBm typical	+12dBm typical
Input damage level	+5dBm (CW average power)、50VDC	+13dBm (CW average power)、50VDC
Input/output impedance	50Ω @ input and output	50Ω @ input and output
VSWR	1.3 typical @ input、1.4 typical @ output	1.3 typical @ input、1.4 typical @ output
Input/output connector	SMA(J)	SMA(J)
Power supply	Power supply will be set in factory. A1 : 100VAC (90 to 110VAC) A2 : 120VAC (110 to 130VAC) A3 : 220VAC (200 to 240VAC) A4 : 240VAC (210 to 260VAC) Power consumption : 7W max	Power supply will be set in factory. A1 : 100VAC (90 to 110VAC) A2 : 120VAC (110 to 130VAC) A3 : 220VAC (200 to 240VAC) A4 : 240VAC (210 to 260VAC) Power consumption : 7W max
Dimensions	260(W)×125(H)×220(D) mm	260(W)×125(H)×220(D) mm
Weight	approx.2.5kg	approx.2.4kg
Operating temperature	0 to +50℃	0 to +50℃
Storage temperature	-20 to +65℃	-20 to +65℃
Standard accessories	Power cable、Fuse、Operation manual	Power cable、Fuse、Operation manual

MICRONIX CORPORATION reserves the right to make changes in design,specification and other information without prior notice.

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AGENCY

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