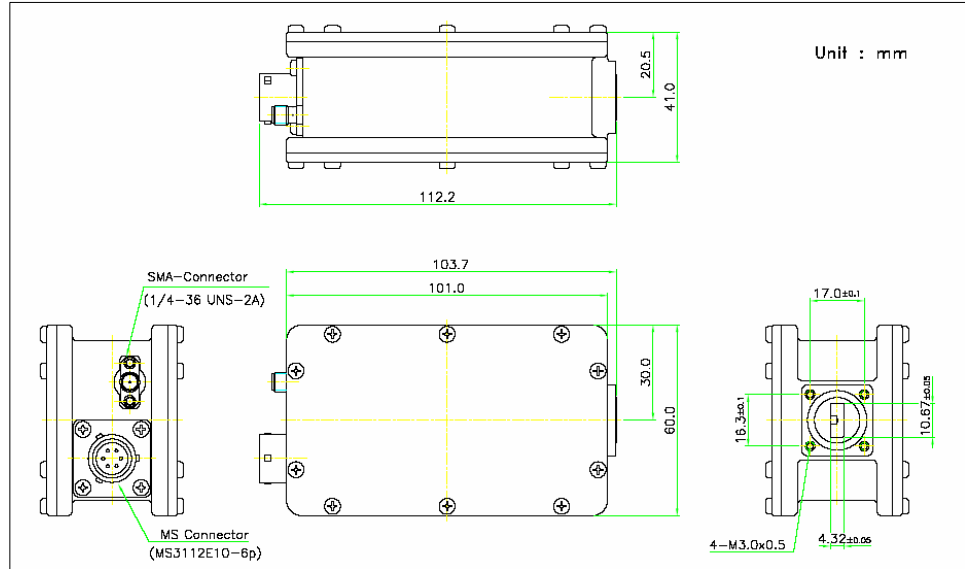


Ka-Band LNA Applications

SM-240

Outline Drawing



Model No & Frequency

Model No	Frequency range
SM-240	20.2 – 21.2 GHz

Specifications

Parameter	Specification
Noise figure (@+25'C)	1.8 dB max.
Input VSWR	2.2 : 1 max.
Conversion gain	55 dB typ.
Output VSWR	2.2 : 1 max.
Gain flatness	4 dBp-p max.
1dB gain compression point	+8 dBm min.
Output impedance	50 ohms
Power supply	+12 to +24V DC
Required current	150 mA max.
Power connector	MS3112E10-6P
Operating temperature	-30'C to +60'C
Storage temperature	-40'C to +80'C
Relative humidity	0% to 95% RH
Input waveguide flange	WR-75
Output connector	SMA type female
Weight	500 g



A-Telecom Co., Ltd.
 22-4, Palyong-Dong, Changwon, Kyungnam, Korea 641-84
 Tel : 82-55-299-8550, Fax : 82-55-299-8552
<http://www.a-tele.com>, E-Mail : a-tele@a-tele.com