

LNAKA20SP

Single-Band Ka-Band LNA

Band: 18.2 - 19.2 GHz Output Connector: SMA Power Connector: MS3112E10-6P



KEY SPECIFICATIONS

| Band | Ka-Band |
|------------------|---------|
| Noise Figure | 1.5 dB |
| Required Current | 250 mA |

RF SPECIFICATIONS

| Conversion Gain | 50 dB min., 55 dB typ., 60 dB max. |
|------------------------------|------------------------------------|
| Gain Flatness | 4 dB p-p |
| Gain Ripple (At Per 36 M Hz) | 1 dB p-p |
| Input Frequency | Ka-Band: 18.2 - 19.2 GHz |
| Input V S W R | 2.2 : 1 |
| Output P1D B | + 5 dBm |
| Output V S W R | 2.2 : 1 |
| · | |

ELECTRICAL SPECIFICATIONS

| Power Connector | MS3112E10-6P |
|-----------------|--------------|
| Power Supply | 12-24 VDC |

INTERFACE SPECIFICATIONS

| Input W/ G Flange | WR 42 |
|----------------------|-------|
| R F Output Connector | SMA |



Esatcom Inc Norsat authorized distributor www.esatcom.com Tel 718.276.0800 Email sales@esatcom.com

CE



ENVIRONMENTAL SPECIFICATIONS

| Temperature Operational | -40 to +60°C |
|-------------------------|--------------|
| Waterproofing | IP 67 |
| Weight | 450 g |

PHYSICAL SPECIFICATIONS

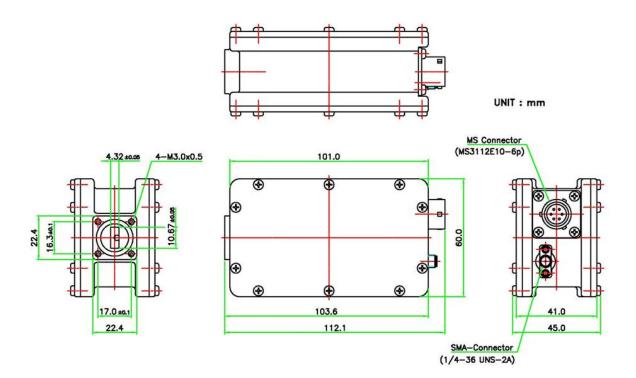
| Dimensions (Lx Wx H) |
|----------------------|
|----------------------|

60.0 x 45.0 x 103.6 mm

LOGISTICS SPECIFICATIONS

| HS Code | Country of Origin | ECCN Number | Shipping Package |
|------------|-------------------|-------------|--------------------------|
| 8517690000 | Made in Korea | EAR99 | 145 x 95 x 65 mm 475 g |

MECHANICAL DIAGRAMS





Esatcom Inc Norsat authorized distributor www.esatcom.com Tel 718.276.0800 Email sales@esatcom.com