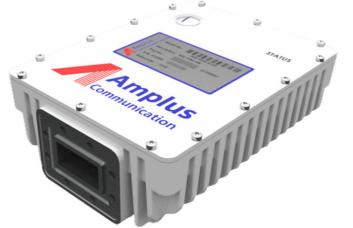


Amplus Communication has been serving the global VSAT industry, being continuously managed by the Most Experienced Personnel in Design, Engineering and Manufacturing of VSAT equipment in the Southeast Asia region.



3W, 4W, 5W, 8W

AM-9335 Series C-Band BUC

Small BUCs, Big Benefits **Revolutionized Engineering Design**

Key Features & Benefits

- Impressive Gain & Gain Flatness
- High Frequency Stability
- Bicolour LED Light to Identify BUC Status Instantly

Optional Features & Accessories

- Built-In Reference
- Remote Mounting Kit

- Low Power Consumption
- Water-Proof IP65 Standard

| Frequency Range | | | |
|--------------------|---------------|-----------|-------------|
| | RF (GHz) | IF (MHz) | LO (MHz) |
| Std C | 5.85 - 6.425 | 950-1525 | 7375 / 4900 |
| Ext-Palapa | 6.365 - 6.725 | 1075-1435 | 7800 / 5290 |
| Ext C | 6.425 - 6.725 | 950-1250 | 7675 / 5475 |
| Full C | 5.85 - 6.725 | 950-1825 | 7675 / 4900 |
| Insat C | 6.725 - 7.025 | 965-1265 | 5760 |
| Insat C (Inverted) | 6.725 - 7.025 | 975-1275 | 8000 |



ISO 9001

ISO 45001





3W, 4W, 5W, 8W

Input Reference

AM-9335 Series C-Band BUC

Technical Details

RF Specifications

| Input / Output Frequency | As per the frequency table on front page | Frequency Reference | 10 MHz to be supplied external via L-band cable |
|----------------------------------|--|--------------------------|---|
| Output Power P-1dB W(dBm) | 3 (35), 5 (37) | | (Internal ref option available) |
| Output Power Psat W(dBm) | 4 (36), 8 (39) | Level | -5 to +5 dBm |
| Gain | 60 / 60 / 62 / 62 dB nominal | | |
| Gain Flatness | ±3 dB typical | Interfaces | |
| Gain Stability over Temperature | ±3dB | IF input Interface | F-type or N-type |
| Intermodulation Product | -25 dBc max | Output Interface | CPR 137G |
| | (3dB total back-off from rated power) | | |
| Spurious | -55 dBc max | Environmental Conditions | |
| Frequency Stability over Tempera | ature: | Operating Temperature | -40°C to +55°C |
| Internal Reference | ± 0.5 ppm | Humidity | 0 to 100% |
| External Reference | As per external 10 MHz ref | | |
| Phase Noise: | | Mechanical | |
| 100 Hz | -63 dBc/Hz max | Dimensions | 175L x 130W x 60H mm / 7L x 5.2W X 2.4H inches |
| 1 KHz | -73 dBc/Hz max | Weight | 1.6 kg / 3.5 lb |
| 10 KHz | -83 dBc/Hz max | | |
| 100 KHz | -93 dBc/Hz max | | |
| I/P VSWR | 1.5 : 1 max | | |
| O/P VSWR | 2 : 1 max | | |
| | | | |

Operating Power Requirement

Operating Voltage18 to 60 VDCPower Consumption (Watts)28 (3W), 28 (4W), 34 (5W), 34 (8W) max

LED Status

| Green | | |
|-------|--|--|
| Red | | |

Normal Fault

> *All specifications & designs are subject to changes without notice Version 2302