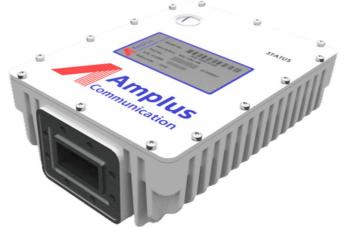


Amplus Communication has been serving the global VSAT industry, being continuously managed by the Most Experienced Personnel in Design, Engineering and Manufacturing of VSAT equipment in the Southeast Asia region.



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