



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
- Low Power Consumption
- Water-Proof IP65 Standard

Optional Features & Accessories

- Built-In Reference
- Remote Mounting Kit

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 14001



ISO 45001



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Technical Details

RF Specifications

Input / Output Frequency	As per the frequency table on front page
Output Power P-1dB W(dBm)	3 (35), 5 (37)
Output Power Psat W(dBm)	4 (36), 8 (39)
Gain	60 / 60 / 62 / 62 dB nominal
Gain Flatness	±3 dB typical
Gain Stability over Temperature	±3dB
Intermodulation Product	-25 dBc max (3dB total back-off from rated power)
Spurious	-55 dBc max
Frequency Stability over Temperature:	
Internal Reference	± 0.5 ppm
External Reference	As per external 10 MHz ref
Phase Noise:	
100 Hz	-63 dBc/Hz max
1 KHz	-73 dBc/Hz max
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 Voltage	18 to 60 VDC
Power Consumption (Watts)	28 (3W), 28 (4W), 34 (5W), 34 (8W) max

LED Status

Green	Normal
Red	Fault

Input Reference

Frequency Reference	10 MHz to be supplied external via L-band cable (Internal ref option available)
Level	-5 to +5 dBm

Interfaces

IF input Interface	F-type or N-type
Output Interface	CPR 137G

Environmental Conditions

Operating Temperature	-40°C to +55°C
Humidity	0 to 100%

Mechanical

Dimensions	175L x 130W x 60H mm / 7L x 5.2W X 2.4H inches
Weight	1.6 kg / 3.5 lb

**All specifications & designs are subject to changes without notice*

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