

The IBUC Advantage

All IBUCs are equipped with cutting-edge intelligent technology:

- Highest quality & exacting performance guaranteed through individual unit testing over temperature
- Superior linearity for maximum useable output power
- Amplifier overdrive protection
- User-selectable AGC/ALC for optimal performance & compatibility with modem adaptive coding
- New high capacity microprocessor & extended M&C functions
- Weatherized RJ45 Ethernet interface for simplified connection

ULTIMATE MANAGEMENT & CONTROL

- » Local Web Interface & NMS-Friendly SNMP «
- » 70+ User Configurable Thresholds & Alarms «
- » Upgraded Event Log with 1,000 Sensor Readings «
- » Performance Trend Analysis Tools & Statistical logs «
- » Embedded Web Pages for Universal Web Browser Access «



New **Cyber Hardened** version available

Multicarrier Application

400W
 P_{Lin} 200W

GaN Tech Amplifier

3 Year Warranty

Applications

The new IBUC **G** now supports multicarrier transmission across the full C-band spectrum. The IBUC **G** delivers the highest available output power, making it an ideal solution for high data rate multicarrier applications such as maritime, broadband, broadcast and network hubs.

Gallium Nitride amplifier technology enables smaller packaging for antenna mounting, eliminating the losses in long waveguide runs. And the greater power efficiency translates to an appreciable reduction in power consumption. Comparing favorably with earlier technology TWTAs, the GaN IBUC **G** delivers maximum linear output power with the reliability of solid state.

Options

- 1+1 Transmit Redundancy with Eco-Mode
- High Stability Internal 10 MHz Reference with Auto-Detection
- Mounting Brackets
- N-Type, F-Type or TNC Input Connectors
- Handheld Terminal
- Cyber Hardened
- WGS (Wideband Global SATCOM) compatible.

Note: Since not all the optional features can be combined, please, contact our sales team for further info at: Sales@Terrasatinc.com

IBB	XXXXXX	-	X	X	A	400	S	C	W	W	-	XXXX
					A	Power Output						
						400	400W					
					A	Power Supply		Color				
						A	AC Powered					
					F	IF Input Connector		Std Terrasat Inc Color (White)				
						N	N-Type IF Input Connector					
						F	F-Type IF Input Connector					
					5	Spectral Sense and 10MHz Reference		Other Colors (Please, Provide Color Specs)				
						0	Non-Inverting + External 10MHz					
						1	Inverting + External 10MHz					
						2	Non-Inverting + Internal 10MHz Std (30ppb stability)					
						3	Inverting + Internal 10MHz Std (30ppb stability)					
						4	Non-Inverting + Internal 10MHz High Stability (5ppb)					
					5	Inverting + Internal 10MHz High Stability (5ppb)						
RF Frequency Plan												
058064	5.850-6.425 GHz (Std C-Band)											
058066	5.850-6.650 GHz (Ext C-Band)											
058067	5.850-6.725 GHz (Full C-Band)											
064067	6.425-6.725 GHz (Palapa C-Band)											
067070	6.725-7.025 GHz (Insat C-Band)											

Std M&C Option Part Number

Example/Std Offer: IBR058064-3NA401WW-0919

IBR XXXXXX - X X A 401 W W - XXXX

		Power Output		Optional Specs & Features	
		401	400W	0919	Std (C-Band) unit with Multicarrier compatibility only
				1818	WGS Compatibility Option + Multicarrier
		Power Supply		Color	
		A	AC Powered	W	Std Terrasat Inc Color (White)
				X	Other Colors (Please Provide Color Specs)
		IF Input Connector			
		N	N-Type IF Input Connector		
		F	F-Type IF Input Connector		
		Spectral Sense and 10MHz Reference			
		0	Non-Inverting + External 10MHz		
		1	Inverting + External 10MHz		
		2	Non-Inverting + Internal 10MHz Std (30ppb stability)		
		3	Inverting + Internal 10MHz Std (30ppb stability)		
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Note: Consult Terrasat Communications Inc for more options.