

Compact 20W/25W/40W/50W/60W C Band Block-Up Converter

Designed to mount directly to the feedhorn, ideal for mobile and satellite uplink applications.

Innovative and excellent efficiency thermal design makes this BUC one of the most power efficient, robust and reliable to operate under harsh outdoor environment.

Easy installation with redundancy ready features to work in 1+1 redundancy mode.

Features

- Feed mountable
- Forward power detection
- Monitoring and Control through Serial and Ethernet ports
- Fault identification and alarm generation
- LED status and alarm indicator
- Auto gain control throughout operating temperature
- Built-in redundancy ready
- Wide DC input ranging 38 to 60Vdc AC input voltage option available
- Wide operating temperature -40°C to +60°C
- Fanless 20W option available
- IP65 Weatherproof
- RoHS Compliant

Quality Assurance

100% thorough stringent quality checks in addition to well-defined Electrical Stress Screening to ensure operation in harsh outdoor environment conditions. All subjected to seal test for water ingression verification.

Reliability

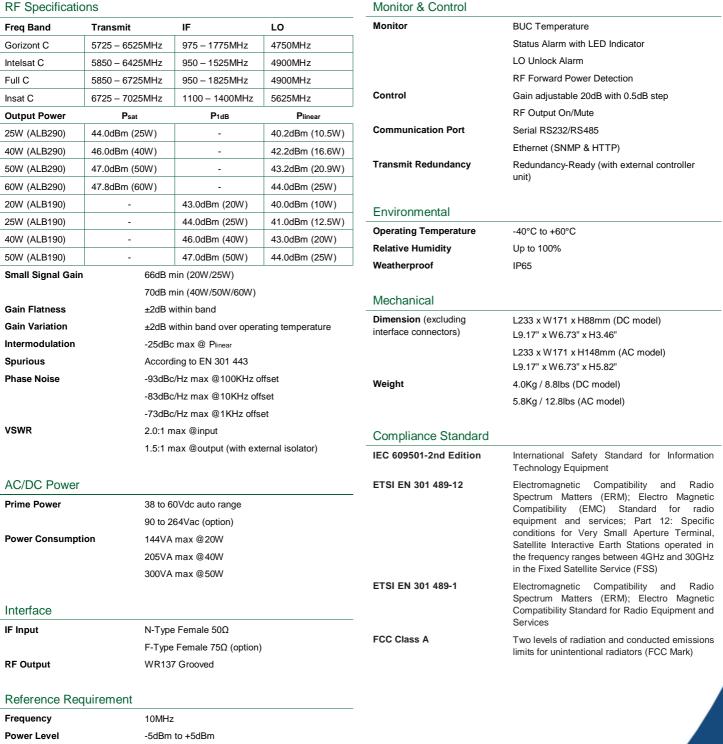
Field proven under harsh environment conditions. Agilis ODUs can withstand temperature ranging from -40°C to +60°C under 100% humidity.



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Technical Specifications

RF Specifications



14400

NOTE: All specifications subject to change without notic	е
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Phase Noise

-160dBc/Hz max @100KHz offset -155dBc/Hz max @10KHz offset -150dBc/Hz max @1KHz offset

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Standard Part List for Standalone Configuration

ITEM	PRODUCT NAME	OPTION	PART NUMBER	QTY	DESCRIPTION
1	BUC			01	BUC
2	Prime Power Input Cable	AC		01	Transient Protection Box 10A 12-3S to Unterminated 3M
3	M&C Cable	RS232 / RS485		01	Cable Assembly Serial/ETH 14-19P to DB9 (F) 2M
4	Converter	ETH	2502041166	01	Cable Assembly ETH-DB9 to RJ45 2M
5	Converter	RS485	6103480008	01	Converter USB to RS485
6	Mounting Accessory Set			01	Mounting screws including brackets, screws, studs, gasket for flange WR137

Mounting Diagram

Side View - DC Model

Top View – DC Model

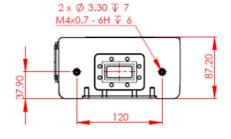


Side View - DC Model

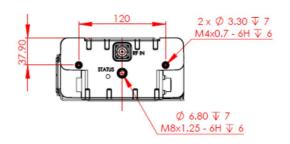


Bottom View

Side View - DC Model



Side View - DC Model



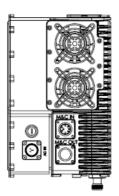
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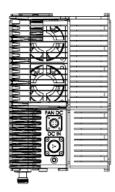
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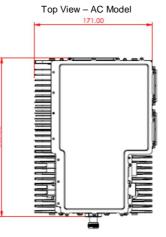
Mounting Diagram

Side View – AC Model



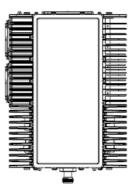
Side View - AC Model



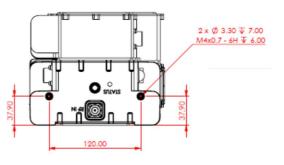


Side View - AC Model

Bottom View



Side View - AC Model



Option Item

ITEM	PRODUCT NAME	OPTION	PART NUMBER	DESCRIPTION
1	WG Flexible		4203490309	Flexible WG C band WR137 CPRG to WR137 CPRF 0.6m
			4203490057	Flexible WG C band WR137 CPRG to WR137 CPRF 1m
			4203490289G	Flexible WG C band WR137 CPRG to WR137 CPRF 1.5m

NOTE: Part list and drawing subject to change without notice 200415

