

## **ALB210 Series**

Compact 30W/40W Ka-Band Block-Up Converter

This small and light weight new Ka-Band BUC is ideal for mobile and satellite uplink applications. Designed to be mounted on the feed horn, the BUC has excellent efficiency. The unit works on a wide range input DC power supply from 38V to 60V. Innovative and efficient thermal design makes this BUC one of the smallest, lightest and most reliable in the industry.

With redundancy-ready feature, the unit can be easily configured to work in 1:1 redundant mode.

### Features

- Compact and lightweight
- Excellent linearity
- Extremely reliable
- High power efficiency
- · Excellent phase noise characteristics
- · Low spurious
- Forward power detection function
- Remote monitor & control through
- RS232/RS485 and Ethernet (SNMP & HTTP)
- Wide input DC voltage range
  Automatic fault identification & a
- Automatic fault identification & alarm generation
- Automatic temperature compensation feature
- Redundancy option
- Wide operating temperature range -40°C to +60°C
- RoHS compliant
- Waterproof
- LED indicator for BUC status

### **Quality Assurance**

100% of all BUCs go through stringent quality checks in addition to well defined Electrical Stress Screening to ensure operation in harsh outdoor environments. The BUCs are also subjected to seal test for water ingress verification.

### Reliability

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

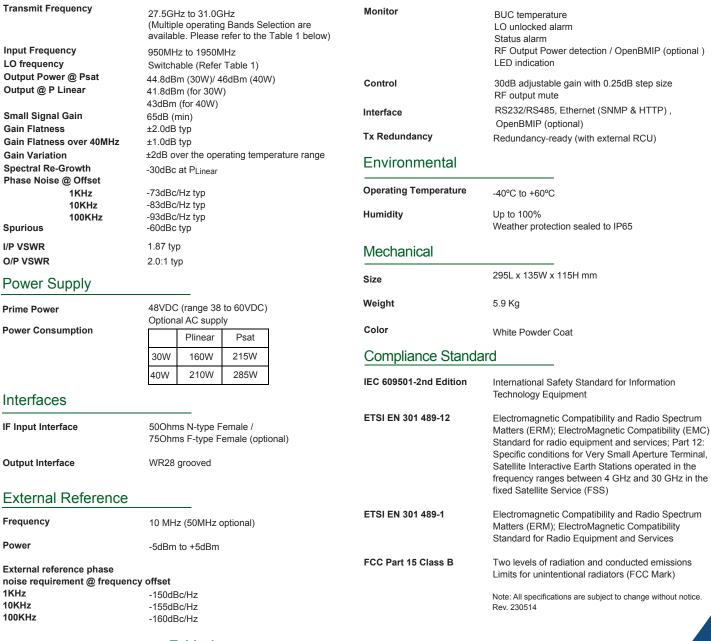


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### **RF** Specifications



Monitor & Control

### Table 1

Band	RF Band (GHz)	IF Band (MHz)	LO Frequency (GHz)
Band 1	27.5 – 29.5	950 – 1950	26.55/27.55
Band 2	29.0 - 30.0	950 – 1950	28.05
Band 3	29.0 - 31.0	950 – 1950	28.05/29.05

Other operating bands available

### Request A Quote



