

# BAND SELECTIVE REPEATERS

## AWS 2100 MHz • Class B

HA27

### Product Features

- IF SAW Filtering, sharp filtering response, outstanding out of band rejection
- Auto diagnostic, alarm output via LEDs
- User adjustable gain control, UL and DL independent
- Automatic Gain Control
- Rugged construction and easy maintenance reduces operational costs and ensures MTBF



Band Selective Repeater

### Applications

- Indoor: buildings, tunnels, subways
- Outdoor: stadiums, remote rural areas, dense urban areas



### Specification

### Value

Type	Band Selective Repeater
Frequency range	AWS 2100MHz
Passband BW	Factory adjusted from 5MHz to fullband
Gain, maximum	80dB
Passband ripple	+/-3.0 dB
Gain, manual control, UL and DL	18dB range, digitally controlled in 3dB steps
AGC range	0 to 20 dB
Composite output power, Downlink	+27 dBm
Composite output power, Uplink	+20dBm
Noise figure	3.0 dB max at maximum output power
Impedance	50 Ω
Group delay	6uS max
Connectors	N(f) as standard
VSWR at operating frequencies	1.5:1 max
Self diagnostic platform	Microprocessor based
Alarms	Yes, AGC, RF overload.
Local management and supervising	Local access via USB
RoHS compliance	Yes

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Electrical and Mechanical Specifications	Value
AC Supply	110/220 VAC 50/60 Hz 50W
Housing	IP24
Temperature range	-22° to 140° F • -30 to +60 °C
Dimension	15.7 x 11.8 x 2.7 inches • 400 x 300 x 70 mm
Weight	13.2 lbs • 6 kg
Mounting	Wall mount as standard.
MTBF	>100,000 hours

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