

BAND SELECTIVE REPEATERS

LTE 800

H830
H227

Product Features

- IF SAW filtering, sharp filtering response, outstanding out of band rejection
- Band selective
- Auto diagnostic, alarm output via LEDs
- User adjustable gain control, UL and DL independent
- Automatic Gain Control

Applications

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



Band Selective Repeater



Specification

Value

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Type	Band Selective Repeater
Frequency range	LTE 800 MHz
Passband BW	Factory adjusted from 5KHz to full band
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	H830, +30 dB, LTE 800 MHz
Composite output power, Uplink	+20dBm
Noise figure, in dB	3.0 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
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