

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

| Specification | Value |
|----------------------------------|---|
| 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 over load. |
| 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 |