BAND SELECTIVE REPEATERS
DCS 1800 MHz

HD27

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

MADE IN USA

Specification	Value
Type	Band Selective Repeater
Frequency range	DCS 1800 MHz
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	-22º to 140º 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

WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENCE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of $100,000 for each continuing violation.