

BAND SELECTIVE REPEATERS

UMTS 2100 MHz

HU27

Product Features

- IF SAW filtering
- 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	UMTS 2100 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
Composite output power, Uplink	+20dBm
Noise figure	3.0dB 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	HU27 15.7 x 11.8 x 2.7 inches • 400 x 300 x 70 mm
Weight	HU27 13.2 lbs • 6 kg
Mounting	Wall mount as standard
MTBF	>100.000 hours