

ULTRA COMPACT REPEATERS

698 - 2170 MHz • Class B

C Series

Product Features

- IF SAW filtering, sharp filtering response, outstanding out of band rejection
- Alarm outputs via LEDs
- Output power meter
- User adjustable gain control, UL and DL independent
- Automatic Gain Control, UL and DL independent



Ultra Compact Repeater

Applications

- Indoor coverage extension
- Passive DAS systems
- Leaky cable network
- Fixed and mobile applications



Specification

Value

Type	Ultra Compact Band Selective Repeater
Frequency range	698 – 2170 MHz
Passband BW. min	See table below
Center Frequency calibration	Via software (not available for Full Band versions)
Gain, maximum	65dB
Passband ripple	+/- 2.5 dB
Gain, manual control	18dB range, digitally controlled in 3dB steps
AGC range	0 to 20 dB min
Composite output power, DL	See table below
Composite output power, UL	See table below
IM generation	< -13dBm / -15dBm / -36dBm
Noise figure	6.0 dB max at maximum output power
Impedance	50 Ω
Connectors	SMA(f) as standard
Control	Local, via USB
AC Supply	110/220 VAC 50/60 Hz 20W
Housing	IP24
Temperature range	-22° to 140° F • -30° to +60° C
Dimensions	7.9 x 5.9 x 1.2 inches • 200 x 150 x 30 mm
Weight	3.3 lbs • 1.5 kg
Mounting	Wall mounting as standard
Heat dissipation	Natural convection
MTBF	>100.000 hours

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Model	Frequency band, in MHz	DL / UL output power, in dBm	Passband BW, in MHz
C620	LTE LOWER A,B,C	+20 / +20	Factory defined
CL20	LTE UPPER C	+20 / +20	Factory defined
CC20	CELLULAR 850MHz	+20 / +20	Factory defined
CE18	EGSM 900MHz	+18 / +18	Factory defined
CD18	DCS 1800MHz	+18 / +18	Factory defined
CP20	PCS	+20 / +20	Factory defined
CA20	AWS	+20 / +20	Factory defined
CU27	UMTS 2100MHz	+20 / +20	Factory defined
C820	LTE 800MHz	+20 / +20	Factory defined

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