

# PUBLIC SAFETY ULTRA COMPACT SIGNAL BOOSTERS

## 764 - 869 MHz • Class B

**C720**  
**CS20**

### 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 Signal Booster

### Applications

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



### Specification

### Value

Type	Ultra Compact Band Selective Signal Booster
Frequency range	C720-xx: 764-776 / 794-806 MHz CS20-xx: 806-824 / 851-869 MHz
Passband BW. min	3 MHz to Full Band, factory adjusted
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	+ 20 dBm
Composite output power, UL	+ 20 dBm
IM generation	< -13dBm
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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