



GUARDIAN QR700™ Canada



Industrial Use



Public Safety
Bands (PSB)



100+ Users
Per Band

Canadian Public Safety Communications Signal Amplifier for Coverage up to 80,000 sq. ft.

Overview

SureCall's latest innovation, the Guardian QR700 Canada, is a Bi-Directional Amplifier that services the growing Public Safety 700 MHz bands for Canada. The Guardian-700 QR meets Chapter 24 of NFPA 72 standards, improving weak First Responder signals for critical and non-critical areas within the building.

Unique Features

- Provides improved coverage for Public Safety 700 MHz bands for coverage up to 80,000 sq ft
- 80 dB Wideband and 3W EIRP for Public Safety Bands
- Linear Design increases number of simultaneous users to 100+ per band
- Features built-in SureCall Sentry remote monitoring system with Ethernet port
- Integrated 7-pin alarm and UPS port for external battery backup
- Meets Chapter 24 Emergency Communications System of NFPA 72
- NEMA 4 rated amplifier housing. No additional NEMA enclosure(s) needed
- Energy-saving operation allows bands to remain dormant when not in use
- Automatic gain control (AGC)
- Independently adjustable frequency attenuation for uplink and downlink
 - » Reduce gain in -1 dBm increments



SureCall Guardian QR700 Bi-Directional Amplifier with Nema4 Rated Enclosure

Key Product Specifications

Uplink Frequency Range:	798-806 MHz
Downlink Frequency Range:	768-776 MHz
Supported Standards:	Public Safety 700
Maximum Gain:	80 dB
Gain Adjustment:	31 dB
Noise Figure:	≤ 8 dB
VSWR:	≤ 2.0
Maximum RF Output Power:	27 dBm / 24 dBm
RF Connectors:	N Female (both ends)
Power Consumption:	50W



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Maximum Gain:	80 dB
Gain Adjustment:	31 dB
Noise Figure:	≤ 8 dB
VSWR:	≤ 2.0
Supported Standards:	Public Safety 700
AC Input:	110 V, 60 Hz
Maximum Downlink Output Power:	27 dBm
Maximum Uplink Output Power:	24 dBm
Cable:	SC-400 (not provided)
RF Connectors:	N Female (both ends)
Power Consumption:	50W
Operating Temperature:	-4°F to +131°F
Dimensions:	21.5 x 17 x 6 inches
Weight:	49.6 lbs.

Specifications are subject to change.