

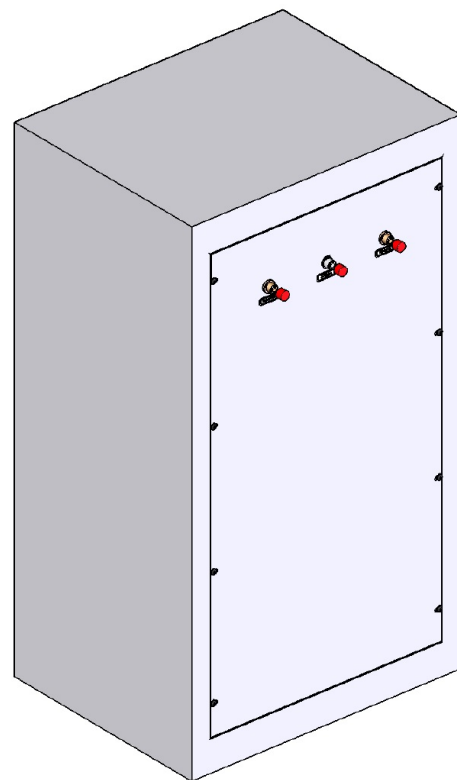
## Q201GC-1

Duplexer, base station, Q-Circuit, cabinet mount, 132-148 MHz

Also referred as: Q201GC\*1

- Six cavity configuration provides very high attention at extremely close frequency separation
- Quasi-bandpass response results in suppression of spurious and sideband transmitter noise
- Easy cabinet mount configuration

The Q201 series duplexers utilizes Sinclair's Q-circuit design in a 6-cavity configuration to provide very high attenuation at extremely close frequency separation in the 132-148 MHz band and 148-174 MHz band. This design provides a quasi-bandpass response, resulting in suppression of spurious and sideband transmitter noise between, and adjacent to, the duplex frequencies. The typical isolation attained between duplex frequencies is greater than 50 dB. The Q-201G is available in either cabinet, Q-201GC, or rack-mounted, Q-201GR, configuration.



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Product Specification Sheet		Q201GC-1	Issue: 90	Dated: 04-05-15

### Electrical Specifications

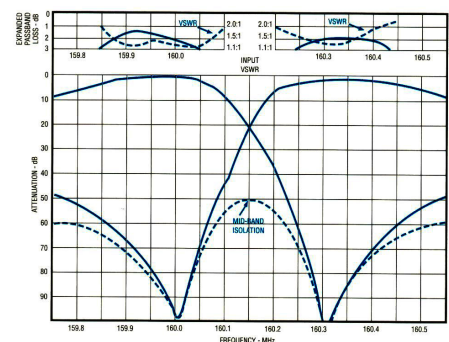
Frequency Range	MHz	132 to 148
Input VSWR (max)		1.5:1
Impedance	Ω	50
Average Power Input (max)	W	350
Connectors		N-Female
Frequency separation (min)	MHz	0.3
Insertion loss (max) Tx to Ant	dB	2.2
Isolation (min)	dB	95

### Mechanical Specifications

Depth	mm (in)	457 (18)
Length/ Height	mm (in)	1026 (40.4)
Width	mm (in)	559 (22)
Weight	kg (lbs)	97.16 (214)
Finish		Black
Shipping dimensions	mm (in)	559x559x1092 (22x22x43)
Mounting configurations		cabinet

### Environmental Specifications

Temperature range	°C (°F)	-40 to +60 (-40 to +140)
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