

Q201GR-1

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

Also referred as: Q201GR*1

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



Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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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

Notes

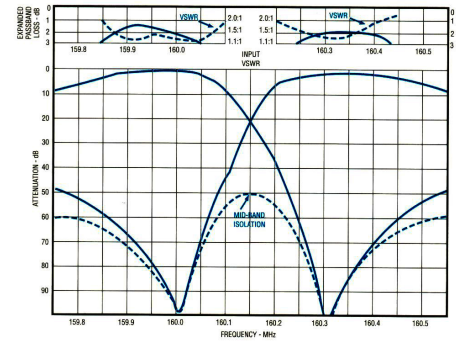
*1 : Ships in two boxes.

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	15 (381)
Length/ Height	in (mm)	61 (1549)
Weight	lbs (kg)	95 (43.13)
Shipping weight (package 1)	lbs (kg)	60 (27.24) *1
Shipping weight (package 2)	lbs (kg)	60 (27.24)
Shipping dimensions (package 1)	in (mm)	22x18x38 (559x457x965)
Shipping dimensions (package 2)	in (mm)	22x18x38 (559x457x965)
Mounting configurations		19 inch rack

Environmental Specifications

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