

Q3220E-1 Duplexer, Q-Circuit, rack mount, 300-406 MHz

- Compact design provides excellent performance while conserving rack space
- Isolation of greater than 80 dB at 5 MHz separation and less than 0.8 dB insertion loss
- Rugged Res-Lok design reduces inter-cavity cabling

Designed for operation in the 300-406 MHz band, this compact 4-cavity duplexer provides excellent performance while conserving valuable rack space. At 5 MHz separation, this unit provides isolation in excess of 80 dB with less than 0.8 dB insertion loss.



www.sinctech.com

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	300 to 406
Input VSWR (max)		1.5:1
Impedance	Ω	50
Average Power Input (max)	W	350
Connectors		N-Female
Frequency separation (min)	MHz	5
Insertion Loss (max) Tx to Ant	dB	0.8
Isolation (min)	dB	80

Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	18 (457)
Length/ Height	in (mm)	4.17 (106)
Finish		chromate conversion
Weight	lbs (kg)	17 (7.72)
Actual Shipping weight	lbs (kg)	20 (9.08)
Shipping dimensions	in (mm)	19x8x22 (483x203x559)
Mounting configurations		19 inch rack

Ordering Information

Specify transmit and receive frequencies when ordering.

Environmental Specifications

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