

**Q3220E** Duplexer, Q-Circuit, Res-Lok, 4 cavity, rack mount, 406-512 MHz

- Compact design provides excellent performance while conserving rack space
- Isolation of greater than 75 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 406-512 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 75 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
<b>Telephone</b>	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
<b>E-mail</b>	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

### Electrical Specifications

Frequency Range	MHz	406 to 512
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	75

### Notes

\*1 : Referenced to 50 ohms

### Mechanical Specifications

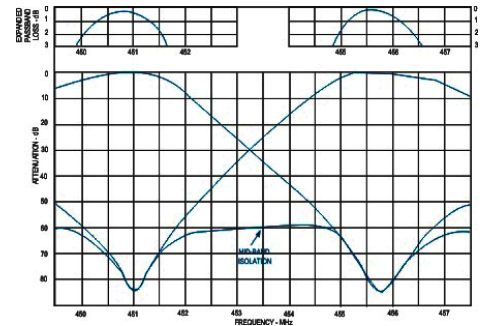
Width	in (mm)	19 (483)
Depth	in (mm)	16.3 (414)
Length/ Height	in (mm)	4.17 (106)
Finish		chromate conversion
Weight	lbs (kg)	15 (6.81)
Actual Shipping weight	lbs (kg)	25 (11.35)
Shipping dimensions	in (mm)	19x8x22 (483x203x559)
Mounting configurations		19 inch rack

### Environmental Specifications

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

Specify transmit and receive frequencies when ordering.



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