

**Q2222E-1** Duplexer, Q-Circuit, Res-Lok, compact, 4 cavity, rack mount, 139-165 MHz

Also referred as: Q2222E\*1

- Duplexer of choice when space is limited
- Excellent performance characteristics at one half the size of the Q2220E

Duplexer of choice when space is limited  
Excellent performance characteristics at one half the size of the Q2220E

Q2222E-1 is ideal for allowing one pair of Tx/Rx frequency sharing a common antenna, especially for the narrow band LMR/PMR systems (12.5 or 25 KHz CH). For multiple Tx/Rx frequencies applications, wider bandwidth duplexers are available. Please contact your Sinclair Sales Representatives for details.



www.sinctech.com

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+44 (0) 1487 84 28 19	Canada: 1 800 263 3275 International: +1 905 726 7676	+1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com

Product Specification Sheet  
EPR 16573  
Customer Tech Manual 005787

Q2222E-1

Issue: 11

Dated: 24-01-22  
Dated: 23-01-18

#### Electrical Specifications

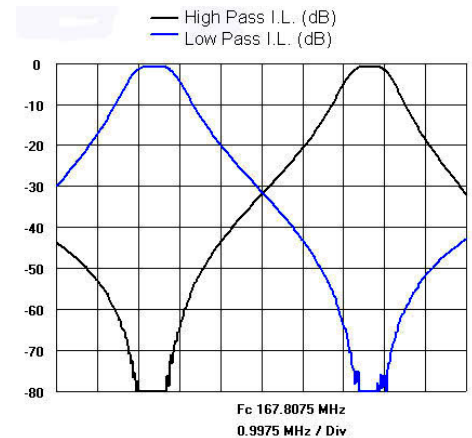
Frequency Range	MHz	139 to 165
Connectors		N-Female
Input VSWR (max)		1.5:1
Insertion loss (max) Tx to Ant	dB	0.8
Insertion loss (max) Rx to Ant	dB	0.8
Impedance	Ω	50
Average Input Power (max)	W	120
Frequency separation (min)	MHz	3
Isolation (min)	dB	75

#### Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	17 (432)
Length/ Height	in (mm)	4.17 (106)
Finish		chromate conversion
Weight	lbs (kg)	18 (8.17)
Mounting configurations		19 inch rack
Actual shipping weight	lbs (kg)	25 (11.35)
Shipping dimensions	in (mm)	19x8x22 (483x203x559)

#### Environmental Specifications

Temperature range	°F (°C)	-22 to +140 (-30 to +60)
-------------------	---------	--------------------------



Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
Telephone	1 800 263 3275	+44 (0) 1487 84 28 19	Canada: 1 800 263 3275 International: +1 905 726 7676	+1 905 727 0165
E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com