

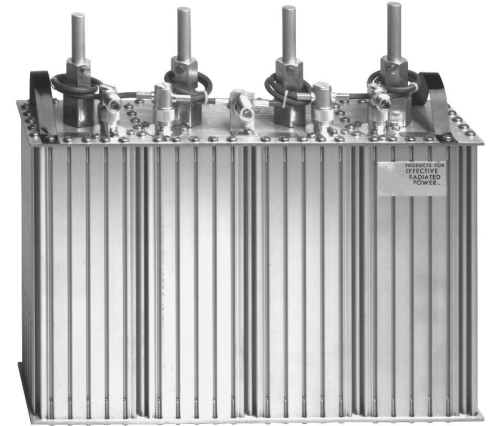
Q2222E-1

Duplexer, Q-Circuit, rack mount, N female

(Q2222E*1)

- Duplexer of choice when space is limited
- Excellent performance characteristics at one half the size of the Q2220E
- Frequency spacings as close as 500 Khz with 60 dB isolation and only 1.5 dB insertion loss

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www.sincltech.com

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Electrical Specifications

Frequency range	MHz	144 to 165
Input VSWR (max)		1.5:1
Average power input (max)	W	120 Watts
Impedance	Ω	50
Tx frequency range	MHz	144 to 165
Rx frequency range	MHz	144 to 165
Frequency separation	MHz	3
Insertion loss (max)	dB	0.8
Insertion loss Rx to antenna(max)	dB	0.8
Insertion loss Tx to antenna(max)	dB	0.8
Isolation (min)	dB	80
Isolation Rx carrier suppression at Tx	dB	75
Isolation Tx noise suppression at Rx	dB	80

Mechanical Specifications

Connectors		N (female)
Height	in (mm)	4.2 (106)
Depth	in (mm)	15 (381)
Width	in (mm)	19 (483)
Weight	lbs (kg)	18 (8.2)
Number of Tx cavities		2
Number of Rx cavities		2
Finish		chromate conversion
Shipping dimensions		19x8x22 in
Shipping weight	lbs (kg)	25 (11.4)

Environmental Specifications

Temperature range	$^{\circ}\text{F}$ ($^{\circ}\text{C}$)	-22 to +140 (-30 to +60)
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