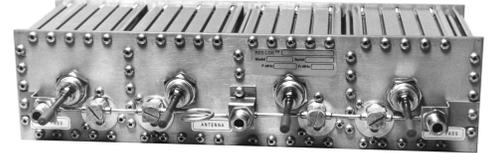


Q4220E-1 Duplexer, Q-Circuit, Res-Lok, 4 cavity, rack mount, 806-890 MHz

Also referred as: Q4220E*1

- Res-Lok construction achieves maximum performance in extremely compact package
- Ideally suited for 45 MHz Tx to Rx separation
- Available for frequency spacings as low as 3.6 MHz

The Q-4220 duplexer utilizes Res-Lok construction to achieve maximum performance in an extremely compact package. The Q-4220 is ideally suited for 45 MHz Tx to Rx separation, but may also be ordered for spacing as low as 3.6 MHz.



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Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

Electrical Specifications

Frequency Range	MHz	806 to 890
Number of cavities Tx Side		2
Number of Cavities Rx Side		2
Input VSWR (max)		1.5:1
Impedance	Ω	50
Average Power Input (max)	W	150
Connectors		N-Female
Frequency separation (min)	MHz	45
Insertion loss (max) Tx to Ant	dB	1
Isolation (min)	dB	80

Notes

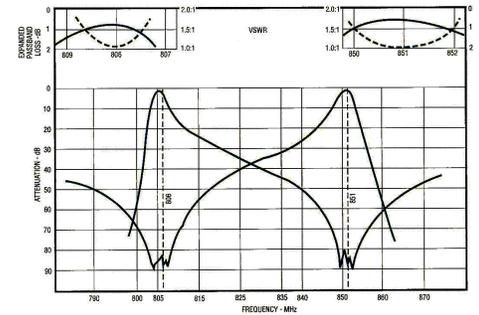
*1 : Isolation reduced for Tx-Rx less than 45 MHz

Mechanical Specifications

Depth	in (mm)	8.25 (210)
Length/ Height	in (mm)	4.17 (106)
Width	in (mm)	19 (483)
Weight	lbs (kg)	12 (5.45)
Finish		chromate conversion
Actual Shipping weight	lbs (kg)	20 (9.08)
Shipping dimensions	in (mm)	6x18.13x22 (152x461x559)
Mounting configurations		19 inch rack

Environmental Specifications

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