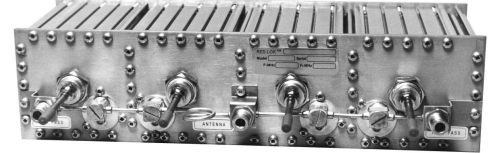


Q4220E-2 Duplexer, Q-Circuit, Res-Lok, 4 cavity, rack mount, 890-960 MHz

Also referred as: Q4220E*2

- 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

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www.sinctech.com

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

Electrical Specifications

Frequency Range	MHz	890 to 960
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

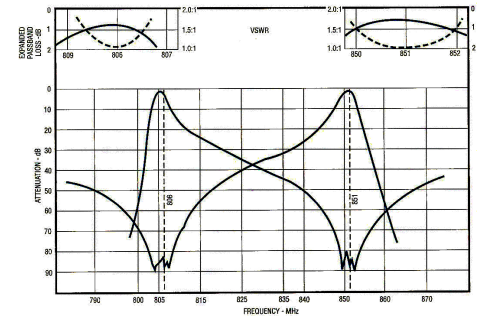
*1 : Isolation rods for Tx-Rx less than 45 MHz

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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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com