

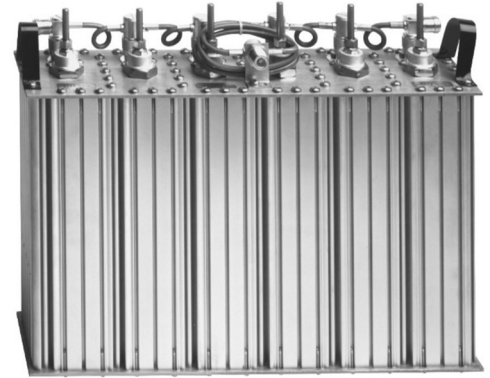
**Q3330C-3** Duplexer, Q-Circuit, Res-Lok, compact, 6 cavity, rack mount, 420-450 MHz

Also referred as: Q3330C\*3

- Typical minimum isolation of 85 dB at maximum insertion loss of 1.2 dB
- 5 MHz minimum Tx-Rx separation.
- Rugged Res-Lok design reduces inter-cavity cabling

Similar to the Q3220C duplexer, this very compact unit provides enhanced isolation characteristics through the addition of two cavities. The entire 6 cavity duplexer mounts in a standard 19 inch rack, occupying only 4.17 inches of vertical space.

Proud Partner of the iBwave Component Database.



www.sinctech.com

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

Product Specification Sheet  
EPR 015884

Q3330C-3

Issue: 46

Dated: 02-11-20  
Dated: 02-11-20

### Electrical Specifications

Frequency Range	MHz	420 to 450
Number of Cavities - Tx Side		3
Number of Cavities - Rx Side		3
Connectors		N-Female
Input VSWR (max)		1.3:1
Insertion Loss (max) Tx to Ant	dB	1.2
Impedance	Ω	50
Average Input Power (max)	W	350
Frequency separation (min)	MHz	5
Isolation (min)	dB	85

### Mechanical Specifications

Width	in (mm)	19 (483)
Depth	in (mm)	16.3 (414)
Length/ Height	in (mm)	4.2 (107)
Finish		chemical conversion
Weight	lbs (kg)	16 (7.26)
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)	-40 to +140 (-40 to +60)
-------------------	---------	--------------------------

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
<b>Telephone</b>	1 800 263 3275	+44 (0) 1487 84 28 19	Canada: 1 800 263 3275 International: +1 905 726 7676	+1 905 727 0165
<b>E-mail</b>	salesusa@sinctech.com	salesuk@sinctech.com	salescan@sinctech.com	salesasia@sinctech.com
Product Specification Sheet EPR 015884		Q3330C-3	Issue: 46	Dated: 02-11-20 Dated: 02-11-20