

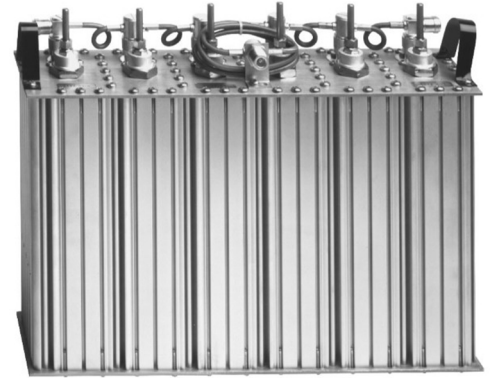
Q3330C-1 Duplexer, Q-Circuit, Res-Lok, compact, 6 cavity, rack mount, 406-420 MHz

Also referred as: Q3330C*1

- 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.

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Product Specification Sheet
EPR 015884

Q3330C-1

Issue: 6

Dated: 02-11-20
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Electrical Specifications

| | | |
|--------------------------------|-----|------------|
| Frequency Range | MHz | 406 to 420 |
| 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) |
|-------------------|---------|--------------------------|

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