

Typical Data for Models 2914-2, -3, and -4 Bandpass Filter

Performance Specifications:

| | | | | |
|--|-------------------|---------------|---------------|----------|
| Type: | Resonant Cavity | | | |
| Size: | 4" | | | |
| Model: | 2914-2 | 2914-3 | 2914-4 | |
| No. of Cavities: | 2 | 3 | 4 | |
| Typical VSWR | at ± 100 kHz: | 1.03:1 | 1.06:1 | 1.06:1 |
| | at ± 150 kHz: | 1.08:1 | 1.05:1 | 1.05:1 |
| | at ± 200 kHz: | 1.10:1 | 1.08:1 | 1.08:1 |
| Typical Insertion Loss: | -0.5 dB | -0.95 dB | -1.35 dB | |
| Typical Frequency Response (deviation from center frequency) | at ± 100 kHz: | -0.01 dB | -0.05 dB | -0.08 dB |
| | at ± 150 kHz: | -0.05 dB | -0.15 dB | -0.15 dB |
| | at ± 200 kHz: | -0.10 dB | -0.20 dB | -0.20 dB |
| Typical Group Delay (deviation from center frequency) | at ± 100 kHz: | 15 nsec | 20 nsec | 25 nsec |
| | at ± 150 kHz: | 20 nsec | 40 nsec | 50 nsec |
| | at ± 200 kHz: | 50 nsec | 100 nsec | 150 nsec |
| Typical Bandwidth: | ± 200 kHz | ± 200 kHz | ± 200 kHz | |



Inputs, Outputs, and Weight:

| | |
|----------------------|-------------------------|
| Inputs: | Type "N" Female |
| Outputs: | Type "N" Female |
| Maximum Input Power: | 1 kW |
| Cooling: | Convection |
| Shipping Weight: | 2914-2: 20 lb (9.1 kg) |
| | 2914-3: 29 lb (13.2 kg) |
| | 2914-4: 37 lb (16.8 kg) |
| Dimensions: | 48" (121.9 cm) H |
| | 4" (10.2 cm) D |
| | 2914-2: 8" (20.3 cm) W |
| | 2914-3: 12" (30.5 cm) W |
| | 2914-4: 16" (40.6 cm) W |

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