

CAVITY RESONATORS

VHF 144 - 190 MHz

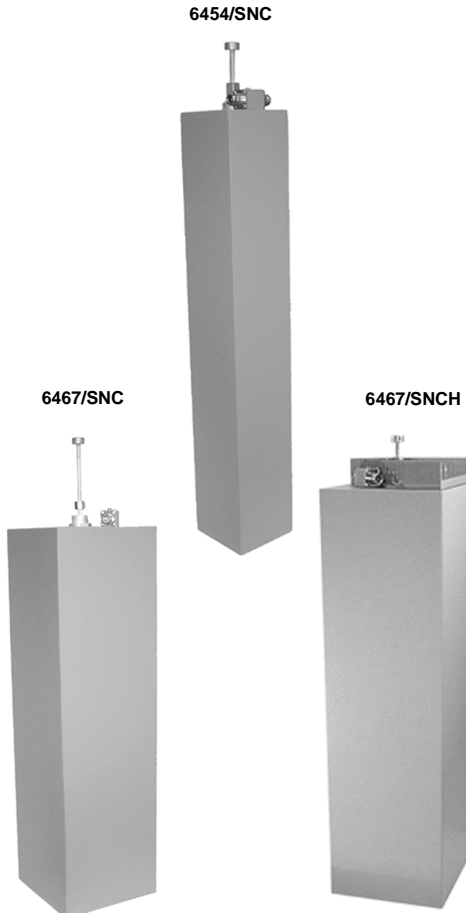
ELECTRICAL SPECIFICATIONS

| Model Number | 6454/SNC | 6467/SNC | 6467/SNCH |
|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Frequency Band (MHz) | 144-190 | 144-190 | 144-190 |
| Input Power-See Appl. Notes | 150 W | 200 W | 250 W |
| Insertion Loss | See Application Notes on Page 45 | | |
| Attenuation | See Charts Below | See Charts Below | See Charts Below |
| Impedance | 50 Ω | 50 Ω | 50 Ω |
| VSWR | 1.25:1 or Better | 1.25:1 or Better | 1.25:1 or Better |
| Electrical Length | 1/4 λ | 1/4 λ | 1/4 λ |
| Temp Range | - 22 to +140 °F - 30 to +60 °C | - 22 to +140 °F - 30 to +60 °C | - 22 to +140 °F - 30 to +60 °C |

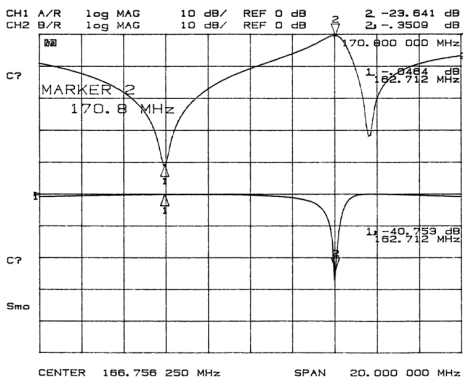
MECHANICAL SPECIFICATIONS

| Dim (d x w) | | 4" x 4" | 7" x 7" | 7" x 7" |
|---------------------|--------|--------------------|--------------------|--------------------|
| Individual Cavity | | 102 x 102 mm | 178 x 178 mm | 178 x 178 mm |
| Dim (Height) | Inches | 26" - 32 1/2" | 26" - 32 1/2" | 26" - 32 1/2" |
| Individual Cavity | Metric | 661 - 826 mm | 661 - 826 mm | 661 - 826 mm |
| Connectors | | N Female | N Female | N Female |
| Finish | | EMR Gray | EMR Gray | EMR Gray |
| Ship Weight: Single | | 12 lbs. (5.5 kg.) | 16 lbs. (7.3 kg.) | 18 lbs. (8.2 kg.) |
| Dual | | 22 lbs. (10.0 kg.) | 48 lbs. (21.8 kg.) | 50 lbs. (22.7 kg.) |
| Triple | | 28 lbs. (12.8 kg.) | 65 lbs. (29.5 kg.) | 68 lbs. (30.9 kg.) |

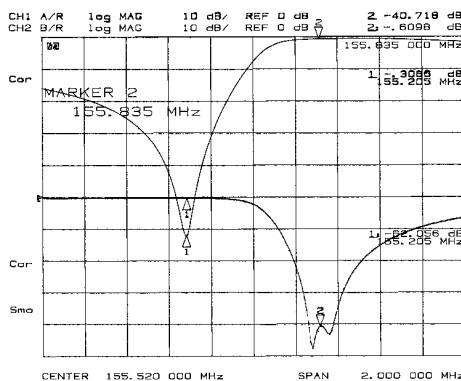
PASS NOTCH



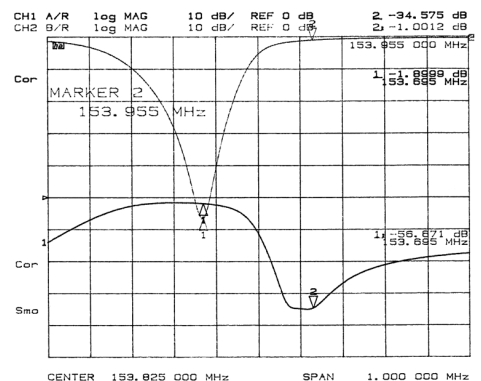
6454/SNC



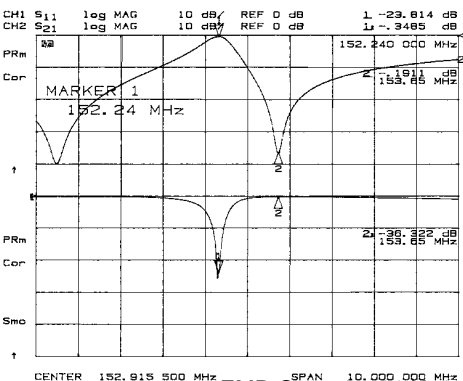
6454/SNC-2



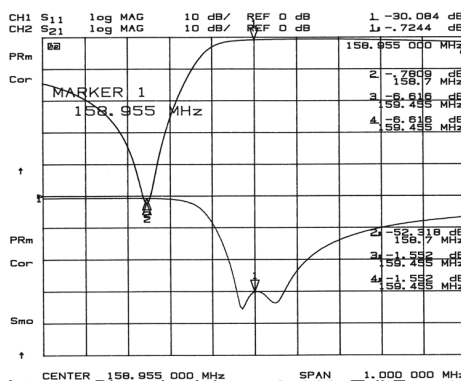
6454/SNC-3



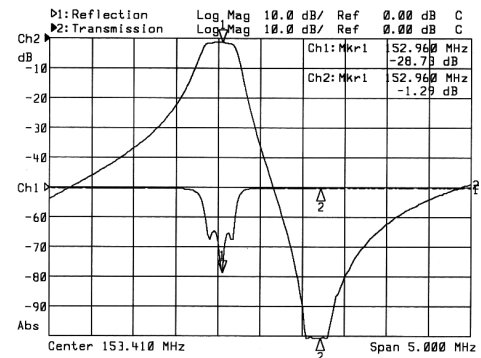
6467/SNC & 6467/SNCH



6467/SNC-2 & 6467/SNCH-2



6467/SNC-3 & 6467/SNCH-3



CAVITY RESONATORS

VHF 144 - 190 MHz

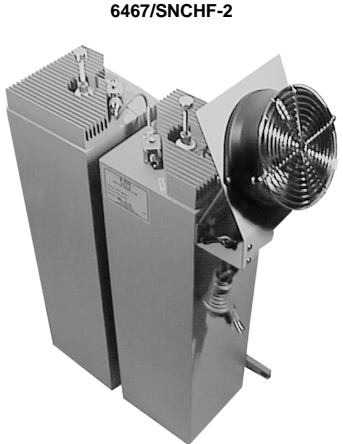
ELECTRICAL SPECIFICATIONS

| Model Number | 6467/SNCHF | 64610/SNC | 64610/SNCH |
|-----------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Frequency Band (MHz) | 144-190 | 144-190 | 144-190 |
| Input Power-See Appl. Notes | 350 W | 200 W | 250 W |
| Insertion Loss | See Application Notes on Page 45 | | |
| Attenuation | See Charts Below | See Charts Below | See Charts Below |
| Impedance | 50 Ω | 50 Ω | 50 Ω |
| VSWR | 1.25:1 or Better | 1.25:1 or Better | 1.25:1 or Better |
| Electrical Length | 1/4 λ | 1/4 λ | 1/4 λ |
| Temp Range | - 22 to +140 °F - 30 to +60 °C | - 22 to +140 °F - 30 to +60 °C | - 22 to +140 °F - 30 to +60 °C |

MECHANICAL SPECIFICATIONS

| Dim (d x w) | | 7" x 7" | 10" x 10" | 10" x 10" |
|---------------------|--------|--------------------|--------------------|--------------------|
| Individual Cavity | | 178 x 178 mm | 254 x 254 mm | 254 x 254 mm |
| Dim (Height) | Inches | 26" - 32 1/2" | 28" - 34 1/4" | 28" - 34 1/4" |
| Individual Cavity | Metric | 661 - 826 mm | 712 - 820 mm | 712 - 820 mm |
| Connectors | | N Female | N Female | N Female |
| Finish | | EMR Gray | EMR Gray | EMR Gray |
| Ship Weight: Single | | 18 lbs. (8.2 kg.) | 34 lbs. (15.5 kg.) | 36 lbs. (16.4 kg.) |
| Dual | | 56 lbs. (25.5 kg.) | Contact Factory | Contact Factory |
| Triple | | 71 lbs. (32.3 kg.) | Contact Factory | Contact Factory |

Please call the factory for cavity performance plots not shown.



PASS NOTCH

