

TRANSMITTER COMBINERS

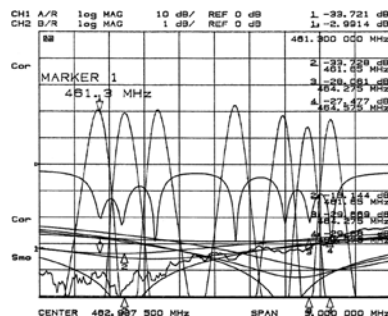
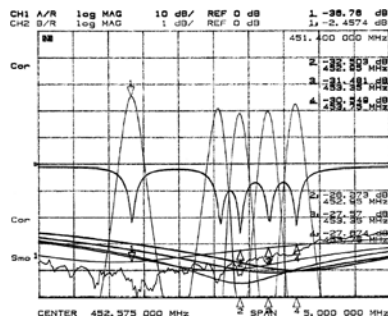
UHF 300 - 650 MHz

ELECTRICAL SPECIFICATIONS

| Model Number | W65452/7 | W65462/7 | W65472/7 | W65482/7 |
|----------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Frequency Band (MHz) | 300-650 | 300-650 | 300-650 | 300-650 |
| # of Channels | 5 | 6 | 7 | 8 |
| Max. Pwr Per Channel | 50 W | 50 W | 50 W | 50 W |
| Min. Frequency Spacing | 300 KHz | 300 KHz | 300 KHz | 300 KHz |
| Max. Insertion Loss | 2.9 dB | 3.1 dB | 3.3 dB | 3.5 dB |
| Min. Insertion Loss | 2.3 dB | 2.5 dB | 2.7 dB | 2.9 dB |
| Isolation Tx/Tx (min/typ) | 70 / 80 dB | 70 / 80 dB | 70 / 80 dB | 70 / 80 dB |
| Isolation Ant/Tx (min/typ) | 60 / 70 dB | 60 / 70 dB | 60 / 70 dB | 60 / 70 dB |
| Impedance | 50 Ω | 50 Ω | 50 Ω | 50 Ω |
| Max. VSWR In/Out | 1.1:1 / 1.25:1 | 1.1:1 / 1.25:1 | 1.1:1 / 1.25:1 | 1.1:1 / 1.25:1 |
| Isolator | Dual | Dual | Dual | Dual |
| Temperature 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 | - 22 to +140 °F - 30 to +60 ° C |

MECHANICAL SPECIFICATIONS

| Cavity Dim (WxD) | Inches | 7" x 7" | 7" x 7" | 7" x 7" | 7" x 7" |
|-----------------------------|--------|------------------|------------------|------------------|------------------|
| | Metric | 178 x 178 | 178 x 178 | 178 x 178 | 178 x 178 |
| Finished Dim (HxWxD) (Max.) | Inches | 22 3/4 x 19 x 19 | 22 3/4 x 19 x 19 | 29 3/4 x 19 x 19 | 29 3/4 x 19 x 19 |
| | Metric | 578 x 483 x 483 | 578 x 483 x 483 | 857 x 483 x 483 | 857 x 483 x 483 |
| Connectors | | N Female | N Female | N Female | N Female |
| Finish | | EMR Gray | EMR Gray | EMR Gray | EMR Gray |
| Ship Weight: lbs. | | 73 | 100 | 114 | 133 |
| | kg. | 33.2 | 45.4 | 51.9 | 60.4 |



FILTER FERRITE