

FM COMBINER

80 kW, 3 Cavities

**SHARP TUNED**

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|-------------------------------|--------------------------|
| ARTICLE | COM2-3BPF-AA00 |
| FREQUENCY | 87 - 108 MHz |
| IMPEDANCE | 50 Ohm |
| NARROWBAND INPUT | |
| MAX INPUT POWER | 25 kW |
| @ 87,5 / 108 MHz | |
| INPUT VSWR | 1.05 (-32dB) |
| INPUT CONNECTOR | RL98, 4 1/2" |
| INSERTION LOSS | |
| Centre frequency | 0.21 dB - 0.24 dB |
| ±200 kHz | 0.25 dB - 0.29 dB |
| WIDEBAND INPUT | |
| INPUT VSWR | 1.05 (-32 dB) |
| INPUT CONNECTOR | RL98, 4 1/2" |
| INSERTION LOSS | |
| ±0.8 MHz | 0.057 dB |
| ±1.0 MHz | 0.030 dB |
| ±1.2 MHz | 0.024 dB |
| GROUP DELAY | < 25 ns @ +/- 100 KHz |
| FREQUENCY RESPONSE | +/- 0.1 dB @ +/- 150 KHz |
| ISOLATION | |
| NARROWBAND - WIDEBAND | 36 dB |
| WIDEBAND - NARROWBAND | |
| ±1.5 MHz from narrowband Cf | 76 dB |
| ±3.0 MHz from narrowband Cf | 94 dB |
| MIN CHANNEL SPACING | 800 kHz |
| MAX OUTPUT POWER | 80 kW |
| OUTPUT CONNECTOR | RL98 |
| OPTION CONNECTORS | 3 1/8, 4 1/2 & 6 1/8 |
| DIMENSIONS (L x W x H) | |
| (mm) | 1200 x 1600 x 1800 |
| (inches) | (47.2 x 63 x 70.9) |
| WEIGHT | 525 kg (1157 lb) |