

FM CONSTANT IMPEDANCE COMBINER

60 kW, 3 Cavities



PRODUCT FEATURES

- Flexible modular design
- Unlimited expansion possibilities
- Low insertion loss
- Uneven power combining
- Retunable
- 800kHz channel spacing

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| ARTICLE | COM2-3BPF-AA00 |
| FREQUENCY | 87-108 |
| IMPEDANCE | 50 Ohm |
| NARROWBAND INPUT | |
| MAXIMUM INPUT POWER | 60 kW rms / 20.4 kW rms |
| INPUT VSWR | 1.07 (-30dB) |
| INPUT CONNECTOR | RL98, 3 1/8" |
| INSERTION LOSS Centre frequency | 0.1 dB / 0.24 dB |
| ± 200 kHz | 0.1 dB / 0.29 dB |
| WIDEBAND INPUT | |
| MAXIMUM INPUT POWER | 150 kW |
| INPUT VSWR | 1.07 (-30dB) |
| INPUT CONNECTOR | 6 1/8", RL98, 3 1/8" |
| INSERTION LOSS | |
| ± 0.8 MHz | - / 0.057 dB |
| ± 1.5 MHz | 0.16 dB / 0.018 dB |
| ± 3.0 MHz | 0.018 dB / 0.010 dB |
| ISOLATION | |
| NARROWBAND - WIDEBAND | 36 dB |
| WIDEBAND - NARROWBAND @ | |
| ± 1.5 MHz from narrowband Cf | 50 dB / 76 dB |
| ± 3.0 MHz from narrowband Cf | 69 dB / 94 dB |
| MINIMUM CHANNEL SPACING | 2.5MHz / 820kHz |
| MAXIMUM OUTPUT POWER RATING | |
| (@ max freq.) | 60 kW rms |
| OUTPUT CONNECTOR | 6 1/8", RL98, 3 1/8" |
| DIMENSIONS (L X W X H) | 1200 x 1600 x 1800 mm |
| WEIGHT | 525 kg |