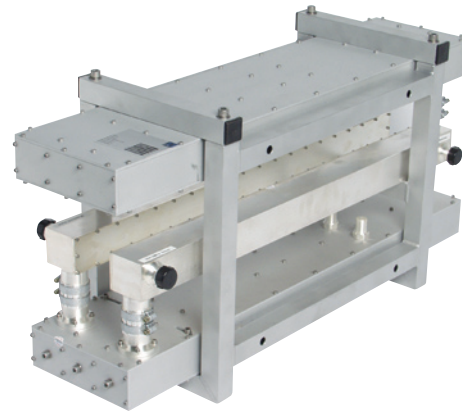


FM Constant Impedance Combiner

1 kW, 3 Cavities

BAND II

10 year GUARANTEE

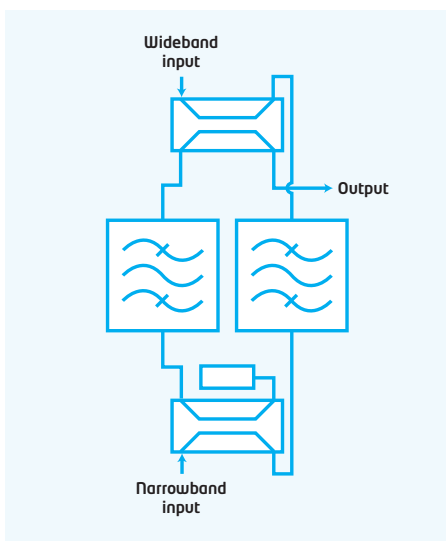


PRODUCT FEATURES

- Flexible modular design
- Easy to place – mount on ceiling or floor
- Low insertion loss
- Retunable
- 10-year comprehensive warranty

PRODUCT PROFILE

These balanced FM combiners employing broad-band hybrids and FM tunable filters enable the combining of FM transmitters from 1 kW to 5 kW. Dry reject loads and a stackable frame design allows broadcasters to make the best use of available floor space and still produce systems of world-beating flexibility and value.



| ARTICLE | COM2-3BPF-A005 |
|------------------------------|---|
| FREQUENCY | 87 - 108 MHz |
| IMPEDANCE | 50 Ohm |
| NARROWBAND INPUT | |
| MAXIMUM INPUT POWER | 1 kW |
| INPUT VSWR | <1.07 (>30 dB) |
| INPUT CONNECTOR | 1 5/8, (EIA 7/8 flanged or DIN 7/16 on request) |
| INSERTION LOSS | |
| Centre frequency | <0.75 dB |
| ±200 kHz | <0.85 dB |
| WIDEBAND INPUT | |
| INPUT VSWR | <1.07 (>30 dB) |
| INPUT CONNECTOR | 1 5/8, (EIA 7/8 flanged or DIN 7/16 on request) |
| INSERTION LOSS | |
| ±1.5 MHz | <0.4 dB |
| ±3.0 MHz | <0.1 dB |
| ISOLATION | |
| NARROWBAND - WIDEBAND | >36 dB |
| WIDEBAND - NARROWBAND | |
| ±1.5 MHz from narrowband Cf | >40 dB |
| ±3.0 MHz from narrowband Cf | >60 dB |
| MIN CHANNEL SPACING | |
| Lower spacing on request | 2.0 MHz |
| MAXIMUM OUTPUT POWER | 5 kW |
| OUTPUT CONNECTOR | 1 5/8, (EIA 7/8 flanged or DIN 7/16 on request) |
| DIMENSIONS | |
| L x W x H | 1000 x 423 x 286 mm (39 x 17 x 11 in) |
| WEIGHT | ~40 kg (88 lb) |