

FM Starpoint Combiner

10 kW, 3 Cavities

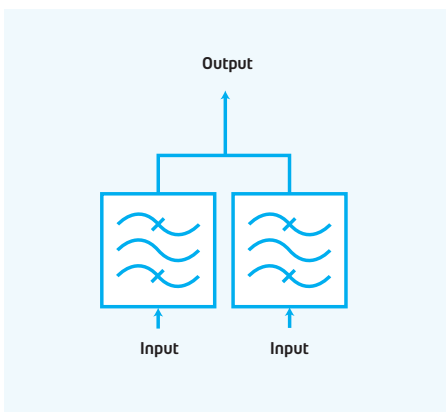


PRODUCT FEATURES

- Broadbanded T-junction
- Consists of 2-5 tuned cavity bandpass filters
- Options are 2-cavity filters and adjustable tuning devices to ease re-tuning when required
- Other connectors available
- Retunable
- A cost-efficient solution when combining several transmitters to a single antenna
- 10-year comprehensive warranty

PRODUCT PROFILE

For cost-efficient combining of FM channels, the FM starpoint combiner is a popular choice. For either solid state or tube transmitters the common cavity design is FM band tunable, rugged and compact. With a choice of connector sizes and options at higher powers we have shown excellent performance and reliability from hundreds of units in service.



ARTICLE	COM2-3BPF-AG00
FREQUENCY	87 - 108 MHz
IMPEDANCE	50 Ohm
MAXIMUM INPUT POWER / INPUT	10 kW
MAXIMUM OUTPUT POWER	20 kW
INPUT VSWR	<1.07 (>30 dB)
INSERTION LOSS	
Centre frequency	<0.20 dB
±200 kHz	<0.30 dB
ISOLATION BETWEEN INPUTS	
Input frequency spacing	
±1.8 MHz	>30 dB
±2.2MHz	>36 dB
±3.7 MHz	>45 dB
MINIMUM CHANNEL SPACING	2.0 MHz
STANDARD CONNECTIONS	EIA 3 1/8 unflanged
DIMENSIONS	~1000 x 1100 x 1032 mm (39 x 43 x 41 in)
WEIGHT	~185 kg (408 lb)
OPTIONS	Starpoint combiner for more than 2 Inputs