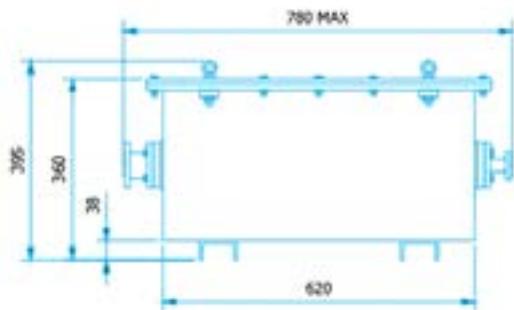


# HFM2-5 - 2 x 5kW HF Transmitter Multicoupler

Our HFM2-5 Series Transmitter Multicouplers are designed to take your broadcasting to the next level. Utilising low loss filter networks, these multicouplers enable multiple transmitters to seamlessly work together, sharing a common antenna.

With the power of computer-aided design techniques, we have achieved optimum performance from passive LC circuits, allowing transmitters to operate with a frequency separation of up to 15%. This flexibility opens up new possibilities for your broadcasting set up.

Experience minimal system losses, typically less than 0.3 dB, ensuring efficient signal transmission and maximising your output power. Additionally, benefit from exceptional rejection of adjacent transmitters, providing a greater than 30 dB isolation, meaning clear and interference-free broadcasting.



Spec	HFM2-5 - 2 x 5kW HF Transmitter Multicoupler
Connectors	7/8", 1 5/8" EIA, LC
Cross Cover Frequency	Notch centre to be specified between 3-18MHz (lower notch centres available)
Environment	Outdoor unprotected -40°C to +55°C. Silicone oil cooled natural convection.
Frequency	0.1 - 32MHz
Impedance	50 ohm
Insertion Loss	<0.3 dB (matched load)
Isolation	>30 dB (matched load)
Load VSWR	3:1 max
Notch Width	15%, 20%, 40% of crossover frequency
Power	2 input channels each 20kW average (40kW peak) 1 output channel 40kW average (80kW peak)
VSWR	<1.2:1 (matched loads)
Weight (kg)	150kg

