

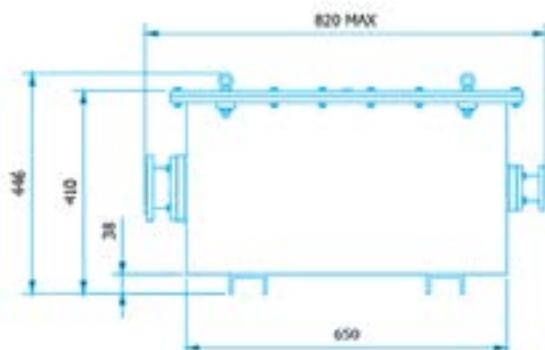
HFM2-10 - 2 x 10kW HF Transmitter Multicoupler

Take your broadcasting capabilities to new heights with our HMF2-10 Series Transmitter Multicoupler. Designed for exceptional performance, this series enables seamless combination of two co-phased 10 kW transmitters, resulting in a powerful single 20 kW output.

Ideal for low power HF broadcast systems, these units ensure uninterrupted service even if one transmitter experiences a failure. Trust in the reliability of our technology to keep your broadcasting operations running smoothly.

Thanks to the HFM2-10's excellent isolation characteristic, you have the flexibility to combine two unequal frequencies for common antenna working. Enjoy the benefits of a versatile setup without compromising on performance, even with a 3 dB power loss.

Discover the power of the HFM2-10 Series Transmitter Multicoupler and elevate your broadcasting capabilities like never before. Experience seamless integration and enhanced performance for your HF transmitters.



| Spec | HFM2-10 - 2 x 10kW HF Transmitter Multicoupler |
|-----------------------|---|
| Connectors | 1 5/8", 3 1/8" EIA |
| Cross Cover Frequency | Notch centre to be specified between 3-18MHz (lower notch centres available) |
| Environment | Outdoor unprotected -40°C + 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 cross over 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) | 250kg |

