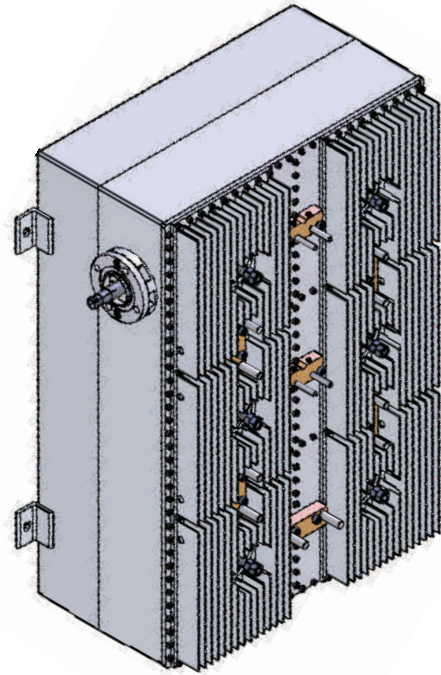




UHF Mask Filter

JAMPRO RF Systems' RCEC-206-UMFB Mask Filter is designed to provide superior mask filter performance at an affordable price. Cross coupling creates steep rejection skirts and the high-Q cavities provide low passband insertion loss in a compact package. Each unit is electrically and mechanically performance tested to ensure strict adherence to Jampro's superior level of quality. The filter is designed for applications where size concerns are a premium.

- **UHF 470-860 MHz**
- **Up to 5kW average per Channel**
- **Rugged High Quality Design**
- **6 Section Cross Coupled**
- **DTV Non-Critical Mask Filter**



TYPICAL SPECIFICATIONS

Channel Bandwidth	6 MHz		8 MHz
Group Delay	250 ns	450 ns	300 ns
VSWR	≤1.10:1	≤1.10:1	≤1.12:1
Insertion Loss	(ATSC)	(ISDB-T)	(DVB-T2)
	$f_0 < 0.4 \text{ dB}$	$f_0 < 0.4 \text{ dB}$	$f_0 < 0.3 \text{ dB}$
Rejection	$f_0 \pm 2.69 \text{ MHz} < 0.75 \text{ dB}$	$f_0 \pm 2.79 \text{ MHz} < 1.0 \text{ dB}$	$f_0 \pm 3.885 \text{ MHz} < 0.85 \text{ dB}$
	$f_0 \pm 3.50 \text{ MHz} > 8 \text{ dB}$	$f_0 \pm 3.15 \text{ MHz} > 4 \text{ dB}$	$f_0 \pm 4.200 \text{ MHz} > 3 \text{ dB}$
	$f_0 \pm 4.00 \text{ MHz} > 30 \text{ dB}$	$f_0 \pm 4.50 \text{ MHz} > 18 \text{ dB}$	$f_0 \pm 6.000 \text{ MHz} > 25 \text{ dB}$
	$f_0 \pm 9.00 \text{ MHz} > 55 \text{ dB}$	$f_0 \pm 9.00 \text{ MHz} > 35 \text{ dB}$	$f_0 \pm 12.000 > 35 \text{ dB}$
Power	≤5kw Avg		
Connectors	1-5/8" EIA (*other size available)		
Dimensions	20" x 10" x 26" (500mm x 260mm x 660mm)		
Weight	≈ 108 lbs (49 kgs)		