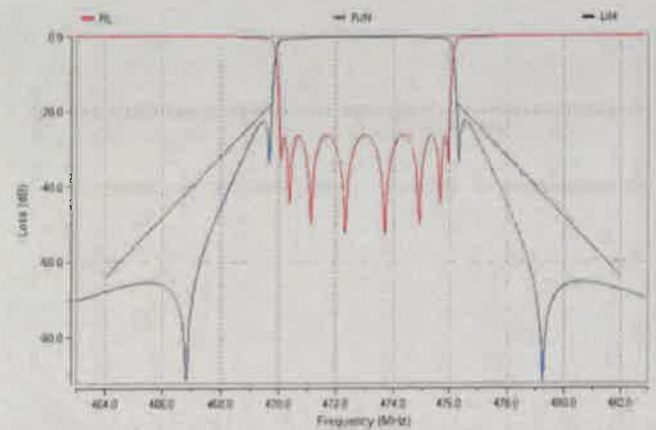
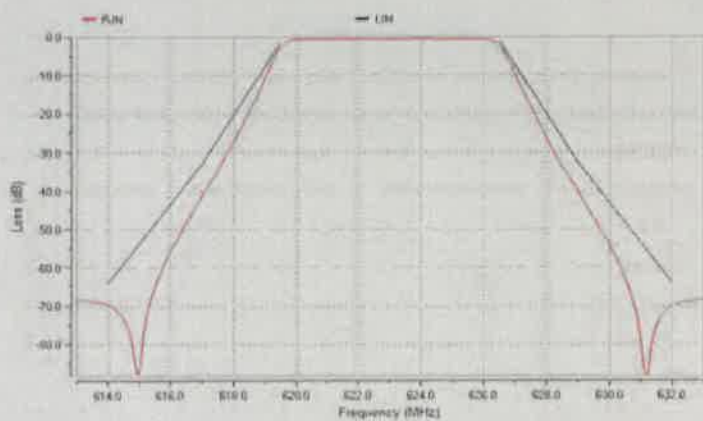
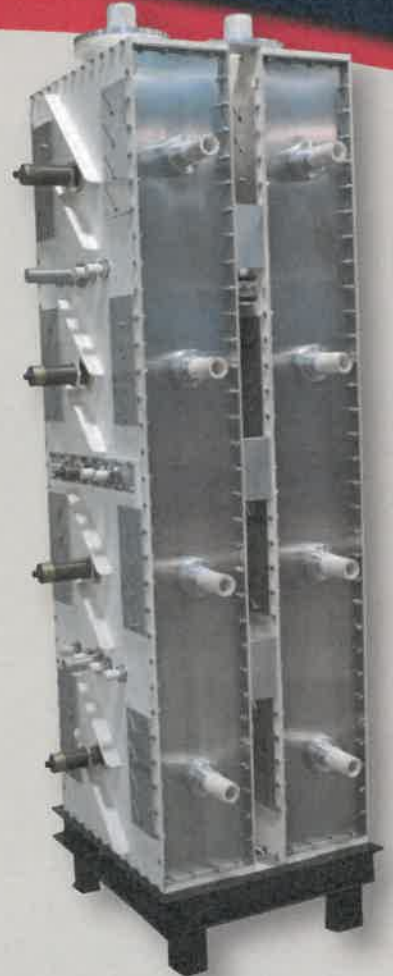


AVAILABLE
TODAY

Manufactured in Maine, USA

Key Features:

- Tunable 470-608 MHz
- Reduced operational cost
- Small footprint
- Lightweight
- Forced-air & convection-cooled
- ATSC 3.0 compatible
- Efficient waveguide-tunable UHF filter
- Enhanced peak power capability
- Cross coupled for increased rejection
- Temperature-stable
- Compact folded design



Trusted for Decades. Ready for Tomorrow.

UHF HIGH POWER TUNABLE FILTER

PARAMETER	SPEC			
Model Number	UT6E16W - (30k)	UT6E16W - (60k)	UT8D16W - (20k)	UT8D16W - (40k)
# of Poles	6		8	
Port Size	4 1/16" or 6 1/8" EIA or W/G			
Maximus Input Power	30 kW ave. Convection Cooled 60 kW ave. Forced-Air-Cooled		20 kW ave. Convection Cooled 40 kW ave. Forced-Air-Cooled	
Frequency Range	470 - 608 MHz		470 - 608 MHz	
Standard	ATSC/ISDB-T non critical		ATSC/ISDB-T critical	
Insertion Loss (fo)	.15 dB max		.25 dB max	
Insertion loss (fc +/-2.69 MHz) (fc +/-2.92 MHz)	.20 dB max		.55 dB max .85 dB max	
Filter Rejection (ATSC)	1.5 dB @ fc +/- 3.5 MHz 14 dB @ fc +/- 4.5 MHz 33 dB @ fc +/- 33 MHz 64 dB @ fc +/- 9 MHz		18 dB @ fc +/- 3.25 MHz 64 dB @ fc +/- 9 MHz	
Group Delay Variation	200 ns max (fo +/- 2.69 MHz)		350 ns max (fo +/- 2.69 MHz)	
Input Return Loss	28 dB min		26 dB min	
Weight	421 lbs (191 kg)		660 lbs (299 kg)	
Length x Width x Height	34 x 28 x 65 in 86 x 72 x 165 cm		41 x 31 x 79 in 104 x 78 x 201 cm	
Ambient Temp Range	10° C to 40° C		10° C to 40° C	
Cooling	Forced Air (60 kW) Free Convection (30 kW)		Forced Air (40 kW) Free Convection (20 kW)	
Temperature Stability	< 2 kHz/°C			

All specifications are subject to change.

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