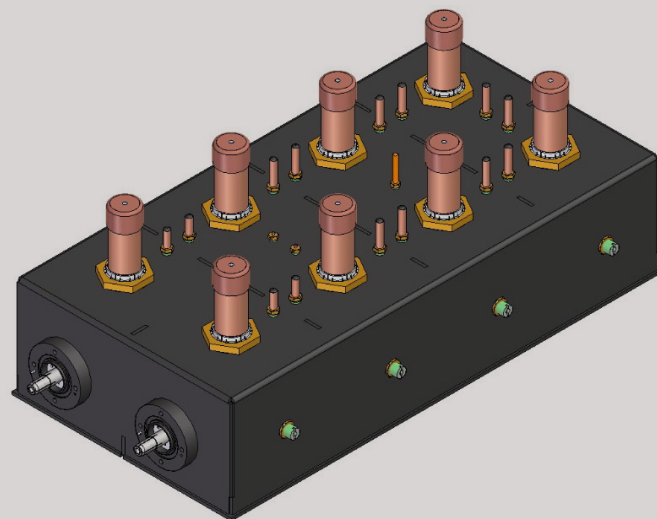


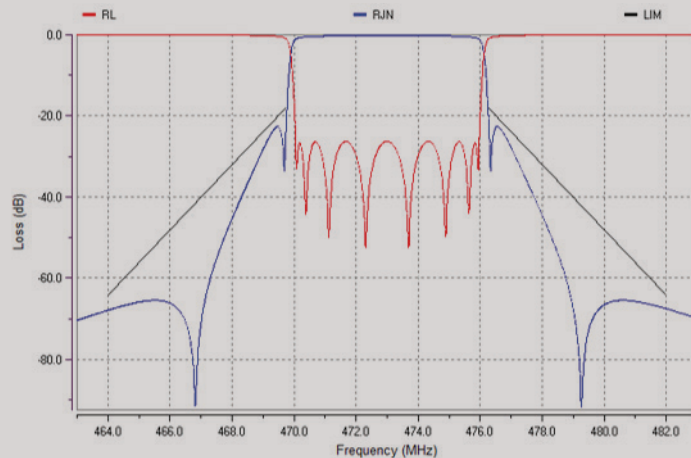
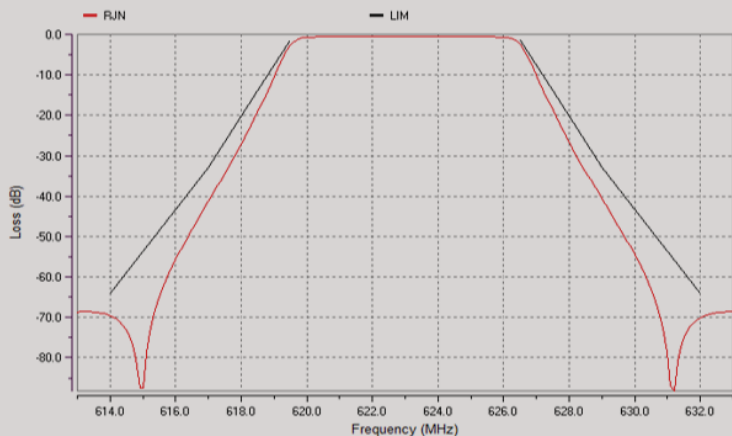
**AVAILABLE  
TODAY**

Manufactured in Maine, USA



### Key Features:

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



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# UHF TUNABLE FILTER

PARAMETER	SPEC							
Model Number	UT6E7F - 1.5K		UT6D7F - 1.5K		UT8D7F-1.5K			
# of Poles	6				8			
Port Size	*1 5/8" or 7-16 DIN or 7/8"				*1 5/8" or 7-16 DIN or 7/8"			
Tunable Frequency Range	14 - 51 (E21-E48)							
Standard	ATSC full	ISDB-T non crit	DVB-T non crit	DVB-T non crit	ATSC sharp tuned	ISDB-T crit	DTMB crit	DVB-T crit
Channel Bandwidth	6			8	6			8
Passband (fc+/-MHz)	2.915	2.79	2.86	3.9	2.915	2.79	2.86	3.9
Insertion Loss (fo)	.5 dB max			.4 dB max	.7 dB max			.6 dB max
Insertion Loss (fc+/-MHz)	.8 dB max .6 dB max (2.92)	.85 dB max .6 dB max (2.79)	1.6 dB max .9 dB max (2.86)	1.0 dB max .55 dB max (3.9)	1.6 dB max .9 dB max (2.92)	1.4 dB max .9 dB max (2.79)	2.1 dB max .95 dB max (2.85)	1.8 dB max .9 dB max (3.9)
Filter Rejection (fc+/-MHz)	>1.5 dB (3.5) >14 dB (4.5) >33 dB (6) >64 dB (9)	>19 dB (4.5) >53 dB (9)	>3 dB (3.2) >18 dB (4.5) >40 dB (9) >58 dB (12)	>4 dB (4.2) >18 dB (6) >44 dB (12) >44 dB (20)	>18 dB (3.25) >64 dB (9)	>8 dB (3.15) >25 dB (4.5) >62 dB (9) >62 dB (15)	>16 dB (3.15) >28 dB (4.5) >53 dB (9) >53 dB (15)	>15 dB (4.2) >27 dB (6) >52 dB (12) >52 dB (20)
Group Delay Variation (fc+/-MHz)	<150 ns (2.69) <200 ns (2.92)	<200 ns (2.79)	<400 ns (2.86)	<350 ns (3.9)	<500 ns (2.69) <730 ns (2.92)	<500 ns (2.79)	<680 ns (2.85)	<780 ns (3.9)
Weight	45 lbs (20.5 kg)				60 lbs (26.5 kg)			
L x W x H	24 in x 15 in x 15 in 61 cm x 38 cm x 38 cm				31 in x 15 in x 15 in 79 cm x 33 cm x 33 cm			
Ambient Temp Range	0° C to 40° C							
Cooling Free Convection DIN Connectors	(1.5kW) (1.0kW)							
Temperature Stability	50 kHz shift							

\* Input can be different.

All specifications are subject to change.

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