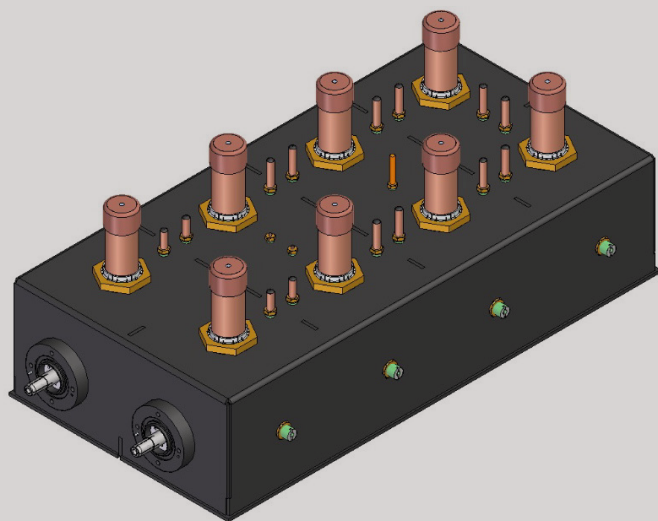


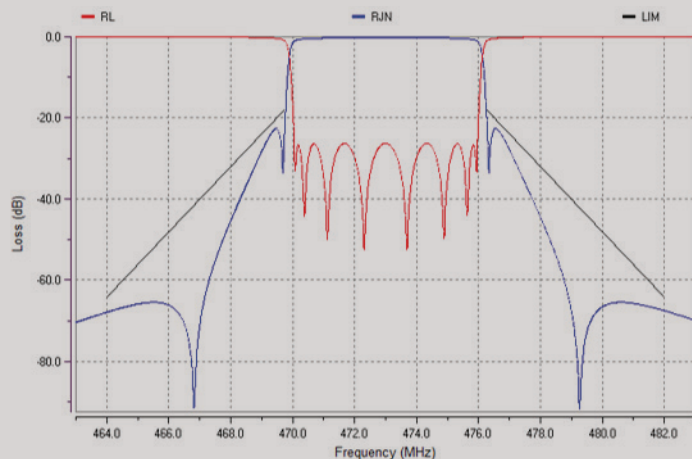
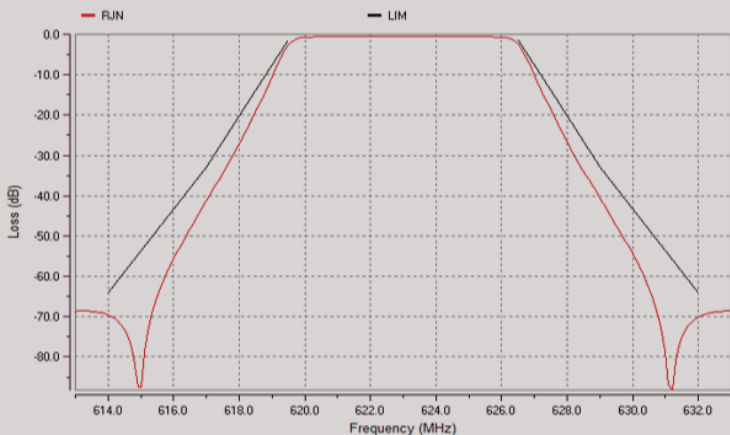
**AVAILABLE
TODAY**

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



Trusted for Decades. Ready for Tomorrow.

UHF TUNABLE FILTER

PARAMETER	SPEC							
Model Number	UT6E4F - 600		UT6D4F - 600	UT8D4F - 400				
# of Poles	6				8			
Port Size	7-16 DIN							
Tunable Frequency Range	14 - 69 (E21-E69)							
Standard	ATSC full	ISDB-T non crit	DVB-T non crit		ATSC sharp tuned	ISDB-T crit	DVB-T crit	DTMB crit
Channel Bandwidth	6			8	6		8	6
Passband (fc+/-MHz)	2.915	2.79	2.86	3.9	2.915	2.79	3.9	2.86
Insertion Loss (fo)	.9 dB max			.6 dB max	1.1 dB max		1.0 dB max	1.1 dB max
Insertion Loss (fc+/-MHz)	1.2 dB max .9 dB max (2.92)	1.2 dB max .9 dB max (2.79)	1.8 dB max 1.0 dB max (2.86)	1.5 dB max .7 dB max (3.9)	1.8 dB max 1.2 dB max (2.92)	2.1 dB max 1.25 dB max (2.79)	2.3 dB max 1.2 dB max (3.9)	2.5 dB max 1.3 dB max (2.85)
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)	>15 dB (4.2) >27 dB (6) >52 dB (12) >52 dB (20)	>16 dB (3.15) >28 dB (4.5) >53 dB (9) >53 dB (15)
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)	<780 ns (3.9)	<680 ns (2.85)
Weight	13 lbs (6 kg)				15 lbs (7 kg)			
L x W x H	14.5 in x 10 in x 8 in 37 cm x 25 cm x 20 cm				19 in x 10 in x 8 in 48 cm x 25 cm x 20 cm			
Ambient Temp Range	0° C to 40° C							
Cooling Free Convection	600 W			400 W				
Temperature Stability	50 kHz shift							

All specifications are subject to change.

Trusted for Decades. Ready for Tomorrow.

22 Tower Rd., Raymond, ME 04071 USA • 1-800-341-9678 • Dielectric.com