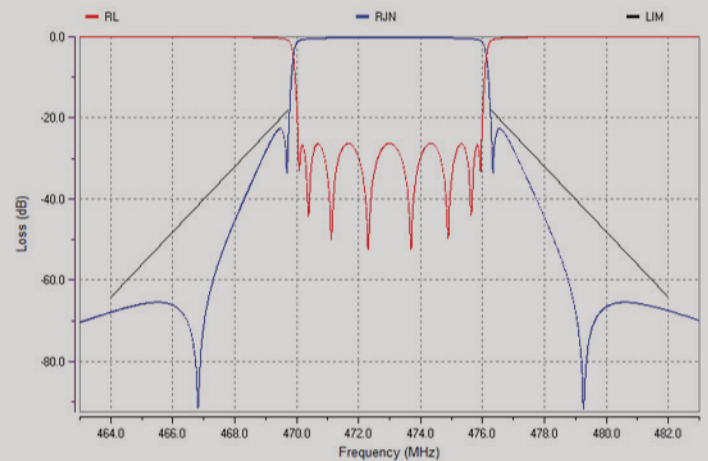
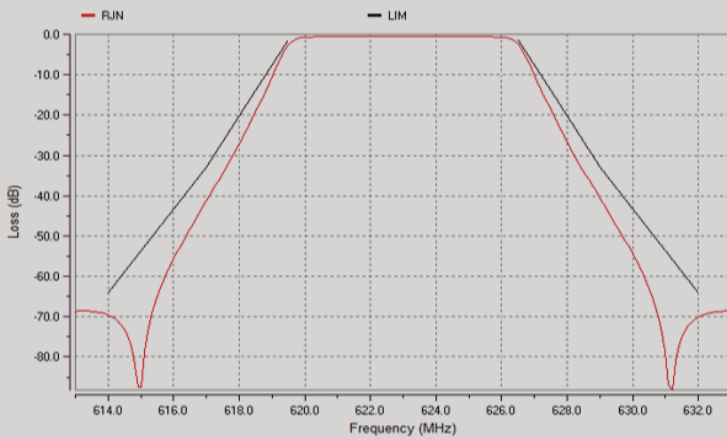


### Key Features:

- Tunable 470-862MHz
- Reduced operational cost
- Small footprint
- Tunes to all 6 MHz & 8 MHz masks
- Enhanced peak power capability



Trusted for Decades. Ready for Tomorrow.

## PARAMETER

## SPEC

PARAMETER	SPEC		
Model Number	UT6D3F-250		
Standard	DVB-T Non Critical	ISDB-T Sub Critical	DVB-Y2/ EXT Non Critical
Max. Input Power	250 Watts	250 Watts	250 Watts
Frequency	470 - 862 MHz	470 - 862 MHz	470 - 862 MHz
Channel BW	6 MHz	7 MHz	8 MHz
Insertion Loss	@690 MHz		
Band Center	1.15 dB	1.0 dB	1.0 dB
Band Edge	2.7 dB ( $\pm 2.86$ MHz)	2.6 dB ( $\pm 2.97$ MHz)	1.8 dB ( $\pm 3.80$ MHz)/2.0 dB ( $\pm 3.90$ MHz)
Attenuation $\pm 3.20/3.15/X.XX$ MHz $\pm 4.50/4.50/4.20$ MHz $\pm 9.0/9.0/6.0$ MHz $\pm 12.0/12.0/12.0$ MHz	$\geq 3.0$ dB $\geq 18$ dB $\geq 40$ dB $\geq 58$ dB	$\geq 8.0$ dB $\geq 24$ dB $\geq 50$ dB $\geq 50$ dB	$\geq N/A$ $\geq 4.0$ dB $\geq 18$ dB $\geq 44$ dB
Group Delay Variation	<400 Ns	<400 ns	<350 ns
VSWR/RL	1.17:1/22.1 dB ( $\pm 2.86$ )	1.22:1/20.1 dB ( $\pm 2.97$ )	1.17:1/22.1 dB ( $\pm 3.90$ )
Storage Temperature	14°F (-10°C) to 131°F (55°C)		
Ambient Temp Range	32°F (0°C) to 113°F (45°C)		
Connectors In/Out	Type N Female		
Humidity	<95% non condensing		
Altitude	3048 m (10,000')		
Dimensions	381mm x 115mm x 204mm (15" x 4.5" x 8")		
Weight	6.6 lbs (3 kg)		
No. Sections	6		
Transmission Zeros	4		

Trusted for Decades. Ready for Tomorrow.

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