



**Key Features:**

- For indoor applications
- Temperature compensated
- For 6, 7 and 8 MHz channel bandwidths in analog TV, digital TV and mobile media applications
- DVB-T critical mask

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## Model Number

**UT807F-6K**

Model Number	DVB-T Critical	DVB-T Critical	DVB-T2/ EXT Critical
Maximum Input Power	6000 Watts		
Frequency	470-862 MHz		
Channel BW	6 MHz	7 MHz	8 MHz
Insertion loss			
Band Edge	2.4 dB (+/-2.86 MHz)	2.0 dB (+/-3.40 MHz)	1.6 dB (+/-3.80 MHz) 2.0 dB(+/-3.90 MHz) Ext.
Band Center	0.8 dB	0.7 dB	0.7 dB
Insertion Loss (fo)	.5 dB max	.4 dB max	.6 dB max
Attenuation			
+/- 3.20/3.70/X.XX MHz	≥15 dB	≥15 dB	≥NA
+/- 4.50/5.25/4.20 MHz	≥28 dB	≥28dB	≥15 dB
+/- 9.0/10.5/6.0 MHz	≥55 dB	≥53 dB	≥28 dB
+/- 12.0/12.0/12.0 MHz	≥60 dB	≥60 dB	≥55 dB
Group Delay Variation	<700 nS	<700 nS	<700 nS
VSWR/RL	1.12:1/24.9 dB (+/-2.86 MHz)	1.12:1/24.9 dB (+/-3.40 MHz)	1.12:1/24.9 dB (+/-3.90 MHz)
Ambient Temp.	0-45C (32-113F)		
Storage Temp.	-10 - 55C (14 - 131F)		
Connectors In/Out	3 1/8 EIA		
Humidity	<95% Non-Condensing		
Altitude	3048 m (10,000')		
Dimensions (LxWxH)	770mm x 381 mm x 178mm (30.25" L x 15" W x 7" H)		
Weight	33 kg/ 70 lbs		
No Sections	8		
Transmission Zeros	4		

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