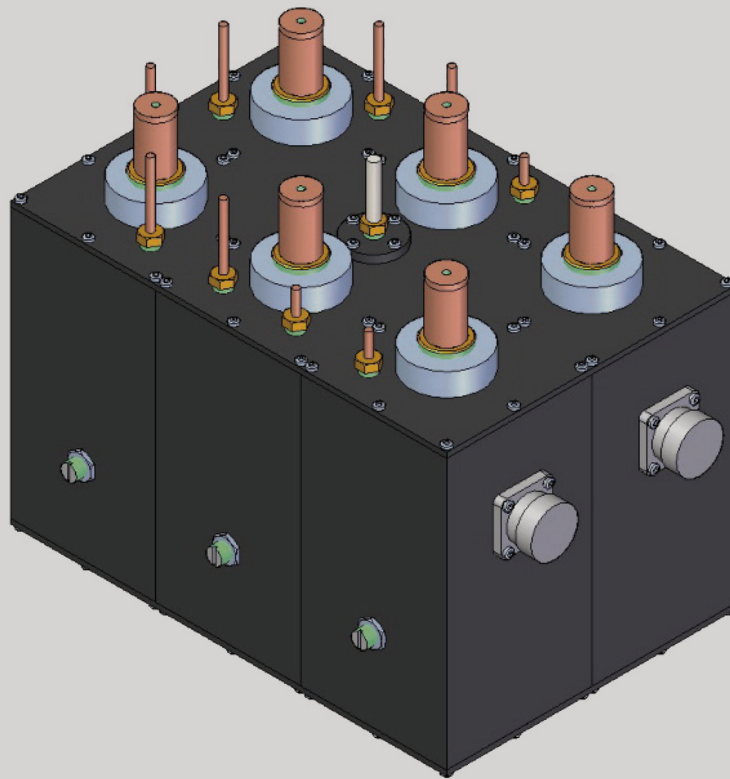


Dielectric®

Powerlite 600W
Tunable Bandpass
Filter 600W rms 6
Pole



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Model Number

UT6E4F-600

Model Number	UT6E4F-600	UT6E4F-600
Frequency	ATSC 6 MHz (470-695 MHz)	DVB-T 8 MHz (470-862 MHz)
Average Power Handling	≤600W DTV	
Type	Reflective	
Response Curve	Stringent	Critical
VSWR	≤1.17	
Altitude ₂	5,000 ft (1,524 M)	
Attenuation	ATSC 6 MHz	DVB-T 8 MHz
F0	≤1.0 dB	≤1.0 dB
F0±2.69 MHz (3.80)	≥2.0 dB	≤3.50 dB
F0±3.5 MHz (4.20)	≥5 dB	≥15 dB
F0±4.5 MHz (-)	≥23 dB	N/A
F0±6.0 MHz (6.00)	≥33 dB	≥28 dB
F0±9.0 MHz (12.00)	≥40 dB	≥55 dB
# of Poles	6	8
Group Delay Variation	≤150 nS over passband	≤450 nS over passband
Connectors	7/16 DIN	
Ambient Temp.	32°F (0°C) to 113°F (45°C)	
Storage Temp.	14°F (-10°C) to 131°F (55°C)	
Ambient/ Storage Humidity	0-98% non condensing	
Material	Al	
Dimensions (L x W x H)	(Typical 6 Pole) 12.5" x 4.5" x 8"	
Weight	10 lbs	

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