



Trusted for Decades. Ready for Tomorrow.

Model Number	HF7T101-10K
Frequency	174 - 230 MHz
Average Power Handling ₁	≤10 kW
Type	Reflective
Response Curve	Non Critical
Temperature Compensated	Yes
VSWR	<1.1
Max. Altitude ₂	10,000 feet (3,050m)
Attenuation 6 MHz ATSC	
F0	<0.3 dB
F0 ± 2.69 MHz	<0.45 dB
F0 ± 3.00 MHz	N/A
F0 ± 3.25 MHz	N/A
F0 ± 3.50 MHz	>0.05 dB
F0 ± 4.50 MHz	>11.6 dB
F0 ± 6.00 MHz	>30 dB
F0 ± 9.00 MHz	>64 dB
Number of Poles	7
Group Delay Variation	<150 nS over passband
Hybrids	N/A
Connectors	1-5/8" EIA/ 6-1/8" EIA
Temperature Stability	≈10 kHz/ °F
Blowers & Shrouds	No
Ambient Temperature	68°F (20°C) to 95°F (35°C)
Storage Temperature	32°F (0°C) to 122°F (50°C)
Ambient/ Storage Humidity	0-98% non condensing
Material	Al with Invar rods
Dimensions (L x W x H)	86.3" x 12" x 23" (2.2m x 0.3m x 0.6m)
Weight	300 lbs (182 kg)
Applications	ATV/DTV