

DTV UHF MASK FILTER SPECIFICATION STANDARD

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Item	QTY	Spec. #	Description	Total
		2002-130-A	<u>UHF DTV 6-SECTION 1-5/8" EIA ELLIPTIC FUNCTION REFLECTIVE FILTER FOR UP TO 3.0 KW AVERAGE MAX. APPLICATIONS</u> CONSISTS OF: (1) 1-5/8" 6-SECTION, ELLIPTIC FUNCTION, COAXIAL CAVITY BANDPASS FILTER (1) FACTORY ASSEMBLY AND TEST <u>SPECIFICATIONS</u> Frequency range: 470 to 806, Channelized as required Connectors: 1-5/8" EIA Power: 3.0 kW Average Max Passband: 5.38 MHz Minimum Loss: <0.48 dB @ f_{center} <0.73dB, @ $f_{center} \pm 3.0$ MHz Group Delay: <150 nS @ $f_{center} \pm 2.7$ MHz VSWR: <1.10 @ $f_{center} \pm 2.7$ MHz Rejection: ± 3.5 MHz >0.05 dB ± 4.0 MHz >8.0 dB ± 5.0 MHz >19.2 dB ± 6.0 MHz >30.4 dB ± 7.0 MHz >41.6 dB ± 8.0 MHz >52.8 dB ± 9.0 MHz >64.0 dB Temperature Range: 0 to 45 deg. C	