



UHF DTV BANDPASS FILTER

100 W, 6 poles Elliptical response

FEATURES

- UHF 100 W Digital TV bandpass filter
- DVB-T and DVB-H Non-Critical Mask applications
- ATSC FCC LPTV Mask applications
- 6 Poles elliptical response (Extracted Poles)
- XLine technique (two transmission zeros)
- Foreshorten in-line combine design
- Low loss (Typ. 0.88 dB@858 MHz)
- Temperature stabilized
- Compact and lightweight



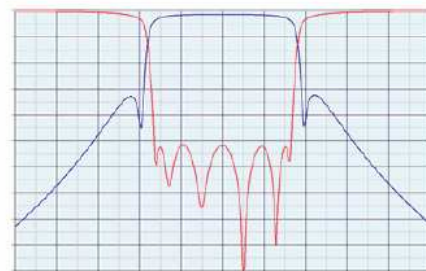
DVBT

6 POLES

100 W

SPECIFICATIONS

FREQUENCY RANGE	470 – 862 MHz
MAX INPUT POWER	100 W DTV (150 W ATV)
BANDWIDTH	6 to 8 MHz
TEMPERATURE STABILITY	< 6 kHz / K
OPERATING TEMPERATURE	-5 to +45 °C
WEIGHT (Approx)	2.5 kg
CONNECTORS	2 x N Female



OPTIONS

0	Painted Black
1	SMA Output Monitor Probe
2	SMB Output Monitor Probe

ELECTRICAL DATA

	CCIR G Standard	FCC M Standard
INSERTION LOSS	< 1.00 dB@C.F. (858 MHz) < 2.20 dB@C.F.±3.8 MHz	< 1.20 dB@C.F. (803 MHz) < 2.20 dB@C.F.±2.7 MHz
SELECTIVITY	> 3 dB@V.C.±4.2 MHz > 16 dB@C.F.±6 MHz > 36 dB@C.F.±12 MHz	> 6 dB@C.F.±3.5 MHz > 24 dB@C.F.±6 MHz > 36 dB@C.F.±9 MHz
RETURN LOSS	> 24 dB	> 24 dB
GROUP DELAY VARIATION	< 200 ns	< 150 ns

