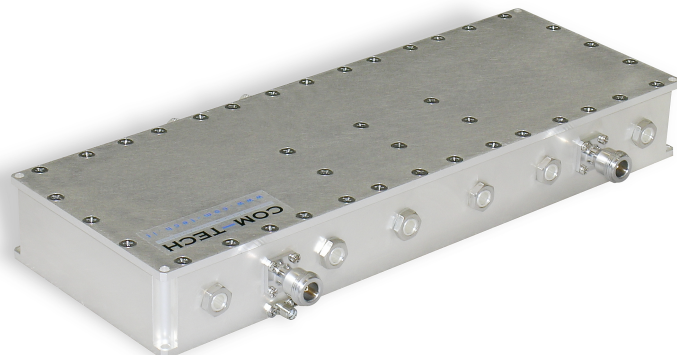
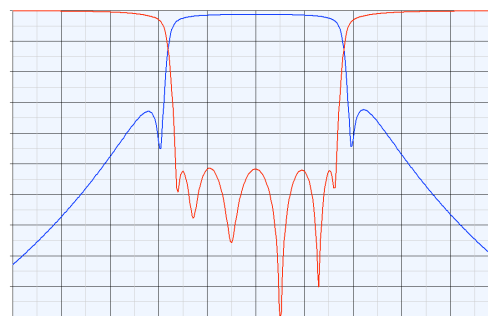
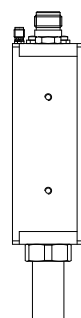
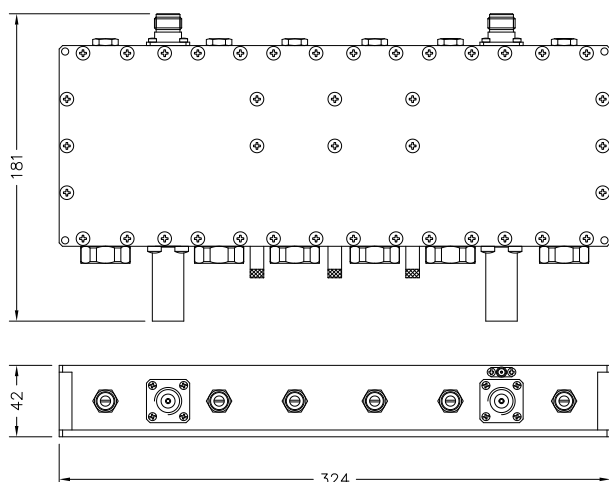


UHF DTV BANDPASS FILTER100 W, 6 Poles Elliptical Response, *XLine***CL6X30C****FEATURES**

- 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 combline design
- Low loss (Typ. 0.88 dB@858 MHz)
- Temperature stabilized
- Compact and lightweight

BANDPASS FILTERS
 UHF Digital TV
**SPECIFICATIONS**

Frequency Range	470 – 862 MHz
Bandwidth	6 to 8 MHz
Max Input Power	100 W DTV (150 W ATV)
Over-Temperature	29 K @ 100 W DTV
Temperature Stability	< 6 kHz / K
Environmental Conditions	-5 to +45 °C
Weight (Approx)	2.5 kg
Connectors	2 x N Female

OPTIONS

E	7-16 Female Conn.
0	Painted Black
1	SMA Output Monitor Probe

TUNING DATA

	DVB 8 MHz Non Critical Mask	ATSC FCC LPTV Mask
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