

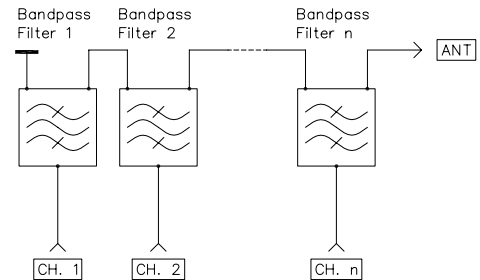
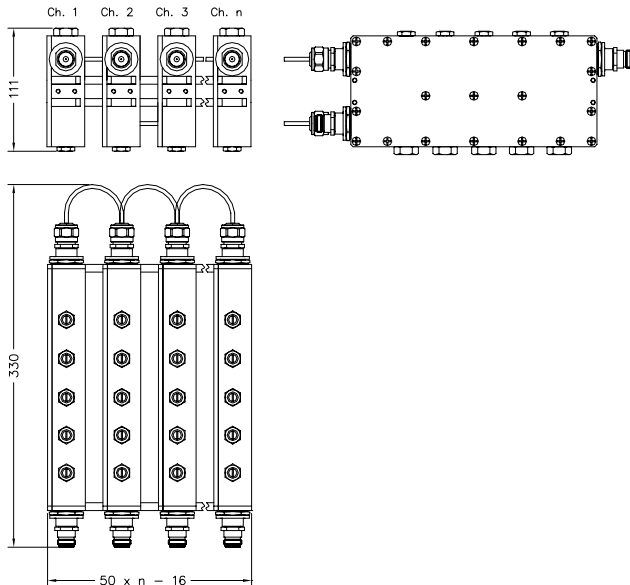
UHF DTV COMBINER

50 W / 200 W, Manifold



FEATURES

- UHF manifold modular multiplexer
- 50 W channel input power, 200 W total output power
- 5 Poles reactance-corrected combine filters
- Up to 10 inputs; any channel combination with 1 guard channel minimum spacing
- Insertable in a 3 U frame
- Low loss
- Very compact and lightweight



SPECIFICATIONS

Frequency Range	470 – 862 MHz
Max Channel Input Power	50 W DTV (75 W ATV)
Max Output Power	200 W DTV (300 W ATV)
Bandwidth	8 MHz
Min Distance Between Ch.	1 guard channel (DVB 8 MHz) 2 guard channels (ATSC)
Temperature Stability	< 17 kHz / K
Operating Temperature	-5 to +45 °C
Weight (Approx)	1.5 x n kg
Connectors	N Female

TUNING DATA

	DVB 8 MHz N.C. Mask	ATSC FCC LPTV Mask
Insertion Loss	< (1.30 + 0.05 x n) dB@C.F. < (1.70 + 0.05 x n) dB@C.F.±3.8 MHz	< (1.30 + 0.05 x n) dB@C.F. < (1.50 + 0.05 x n) dB@C.F.±2.7 MHz
Selectivity	> 5 dB@C.F.±6 MHz > 30 dB@C.F.±12 MHz	> 5 dB@C.F.±6 MHz > 22 dB@C.F.±9 MHz
Return Loss	> 22 dB	> 22 dB
De-coupling	> 30 dB	> 30 dB
Group Delay Variation	< 80 ns	< 60 ns