

UHF ATV COMBINER

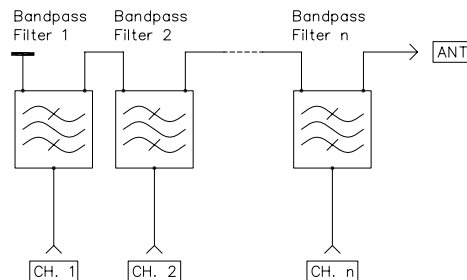
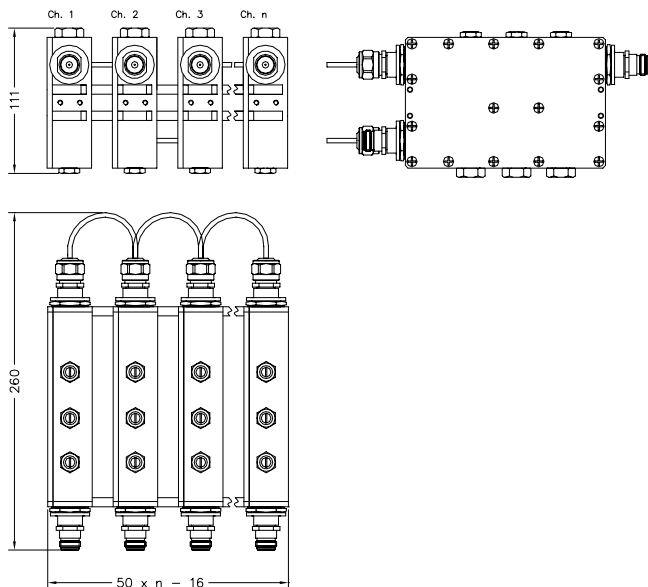
MX3C

150 W / 500 W, Manifold



FEATURES

- UHF manifold modular multiplexer
- 150 W channel input power, 500 W total output power
- 3-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	150 W ATV (50 W DTV)
Max Output Power	500 W ATV (375 W DTV)
Bandwidth	8 MHz
Min Distance Between Ch.	1 guard channel (CCIR G) 2 guard channels (FCC M)
Temperature Stability	< 17 kHz / K
Operating Temperature	-5 to +45 °C
Weight (Approx)	1 x n kg
Connectors	N Female

TUNING DATA

	CCIR G Standard	FCC M Standard
Insertion Loss	< (0.65 + 0.05 x n) dB@V.C.	< (0.62 + 0.05 x n) dB@V.C.
Selectivity	> 3 dB@V.C.-5.5/+11 MHz > 10 dB@V.C.-11/+16.5 MHz	- > 6 dB@V.C.-9/+13.5 MHz
Return Loss	> 24 dB	> 24 dB
De-coupling	> 24 dB (1 guard channel) > 30 dB (2 or more guard channel)	> 24 dB (2 guard channel) > 30 dB (3 or more guard channel)
Group Delay Variation	< 25 ns	< 20 ns