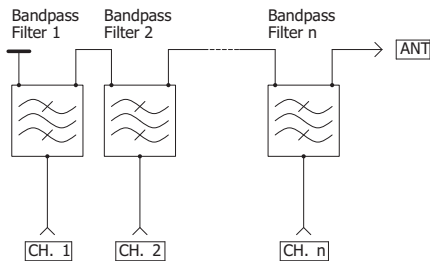


### SPECIFICATIONS

Product Code	B-MX3C-xxx-yy
Project Number	J-004-02
Frequency Range	470 – 862 MHz
Bandwidth	8 MHz
Ch. Distance	1 guard ch. (CCIR G) 2 guard ch. (FCC M)
Order	3-Pole
Max NB Input Power	100 W DTV (150 W ATV)
Max Output Power	300 W DTV (450 W ATV)
Temperature Stability	< 17 kHz / K
Max Operating Temp.	70 °C (158 °F)
Environmental Conditions	-5 to +55 °C (+23 to +131 °F), IP60
Body Finish	Metallic black coloring
Dimensions	50 x 260 x 124 mm
Weight	1 kg (2 lb)
Links	SM250 Link
Connectors Interface	-
Connectors	- N Female
Options	O-FE.01 Encased Frame O-RK.01 1U 19" Rack, w/ handles (N≤2) O-RK.04 3U 19" Rack, w/ handles (N≤8)

TRANSMITTING COMBINERS  
UHF



### TUNING DATA

	CCIR G Standard	FCC M Standard
Insertion Loss	< 0.65 +0.05·N dB @ V.C.	< 0.62 +0.05·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 (VSWR < 1.13)	> 24 dB (VSWR < 1.13)
De-coupling	> 24 dB (1 guard ch.) > 30 dB (2 guard Ch.)	> 24 dB (1 guard ch.) > 30 dB (2 guard Ch.)
Group Delay Variation	< 25 ns	< 20 ns
Over-Temperature	< 33 K @ 150 W ATV	< 40 K @ 150 W ATV