



SPECIFICATIONS

Product Code	B-MX5C-xxx-yy
DVB Mask	Non Critical Mask
ATSC Mask	Simple Mask
ISDB Mask	No Mask
Project Number	J-068-02
Frequency Range	470 – 862 MHz
Bandwidth	8 MHz
Ch. Distance	1 guard ch. (DVB 8 MHz) 2 guard ch. (ATSC)
Order	5-Pole
Max NB Input Power	50 W DTV (75 W ATV)
Max Output Power	200 W DTV (300 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 340 x 124 mm
Weight	1.5 kg (3.5 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

	DVB 8 MHz N.C.M.	ATSC Simple M.
Insertion Loss	< 1.30 +0.05·N dB @ C.F. < 1.70 +0.05·N dB @ C.F. ±3.8 MHz	< 1.30 +0.05·N dB @ C.F. < 1.50 +0.05·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 (VSWR < 1.17)	> 22 dB (VSWR < 1.17)
De-coupling	> 30 dB	> 30 dB
Group Delay Variation	< 80 ns	< 60 ns
Over-Temperature	< 29 K @ 50 W DTV	< 33 K @ 50 W DTV