



SPECIFICATIONS

Product Code	B-DM4E110C-xxx-yy
Frequency Range	470 – 862 MHz
Bandwidth	6 to 8 MHz
Ch. Distance	1 guard ch.
Order	4-Pole Elliptical Response
Max NB Input Power	4 kW DTV (6 kW ATV)
Max Output Power	5 kW DTV (7.5 kW ATV)
Temperature Stability	< 2 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	668 x 475 x 815 mm
Weight	40 kg (88 lb)
Part List	2 x FC4E110C 2 x HC80C 2 x ML39C 1 x DH150C
Links	EIA 1+5/8" Rigid Line Link
Frame	Semi-Modular Frame (N≥2)
Connectors Interface	3 x 64mm Series
Connectors	D-PC64G EIA 7/8" FastLine Socket D-PC64H EIA 7/8" FastLine Flange D-PC64J EIA 1+5/8" FastLine Socket (Default) D-PC64K EIA 1+5/8" FastLine Flange D-PC64M EIA 3+1/8" FastLine Socket D-PC64N EIA 3+1/8" FastLine Flange
Options	O-HF.02 Heat Sink add-on O-FS.03 Semi-Modular Frame (N=1)

TUNING DATA

	CCIR G Standard	FCC M Standard
NB Insertion Loss	< 0.26 +0.05·N dB @ V.C.	< 0.33 +0.05·N dB @ V.C.
WB Insertion Loss	< 0.05·N dB	< 0.05·N dB
Selectivity	> 40 dB @ V.C. -5.5/+11 MHz > 24 dB @ V.C. -11/+16.5 MHz	> 40 dB @ V.C. -4.5/+9 MHz > 24 dB @ V.C. -9/+13.5 MHz
Return Loss	> 26 - 6·log N dB (VSWR < 1.11 + 0.12·log N)	> 26 - 6·log N dB (VSWR < 1.11 + 0.12·log N)
De-coupling	> 30 dB	> 30 dB
NB Group Delay Variation	< 25 ns	< 25 ns
Over-Temperature with O-HF.02	< 35 K @ 6 kW ATV < 28 K @ 6 kW ATV	< 43 K @ 6 kW ATV < 34 K @ 6 kW ATV