



SPECIFICATIONS

Product Code	A-TC6D140R-xx-yy
Project Number	J-085-02
DAB Mask	Critical Mask Super Critical Mask
Frequency Range	162 – 254 MHz
Bandwidth	1.54 MHz
Order	6-Pole Elliptical Response
Max Input Power	2.5 kW DAB
Liquid Flow (O-HL.02)	6 l/min (1.6 gal/min)
Temperature Stability	< 1 kHz / K
Max Operating Temp.	70 °C (158 °F)
Environmental Conditions	-5 to +55 °C (+23 to +131 °F), IP60
Body Finish	Aluminum, passivated
Dimensions	466 x 378 x 790 mm
Weight	45 kg (99 lb)
Output Monitor Probe	SMA Female
Connectors Interface	2 x 64mm Series
Connectors	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-MR.01 SMB Output Monitor Probe O-HL.02 Liquid Cooling add-on O-ZZ.01 Axial connector mounting O-HZ.03 70°C (158°F) N.C. Theroswitch

TUNING DATA

	DAB C.M.	DAB S.C.M.
Insertion Loss	< 0.90 dB @ C.F.(Block 12D) < 2.05 dB @ C.F. ±0.77 MHz	< 1.00 dB @ C.F.(Block 12D) < 2.20 dB @ C.F. ±0.77 MHz
Selectivity	> 11 dB @ C.F. ±0.97 MHz > 42 dB @ C.F. ±1.75 MHz > 38 dB @ C.F. ±2.20 MHz > 32 dB @ C.F. ± 3 MHz	> 11 dB @ C.F. ±0.97 MHz > 42 dB @ C.F. ±1.75 MHz > 58 dB @ C.F. ±2.20 MHz > 52 dB @ C.F. ± 3 MHz
Harmonic Attenuation	> 50 dB up to 600 MHz	> 50 dB up to 600 MHz
Return Loss	> 26 dB (VSWR < 1.11)	> 26 dB (VSWR < 1.11)
Group Delay Variation	< 800 ns	< 850 ns
Over-Temperature with O-HL.02	< 44 K @ 2.5 kW DAB < 16 K @ 2.5 kW DAB	< 47 K @ 2.5 kW DAB < 17 K @ 2.5 kW DAB