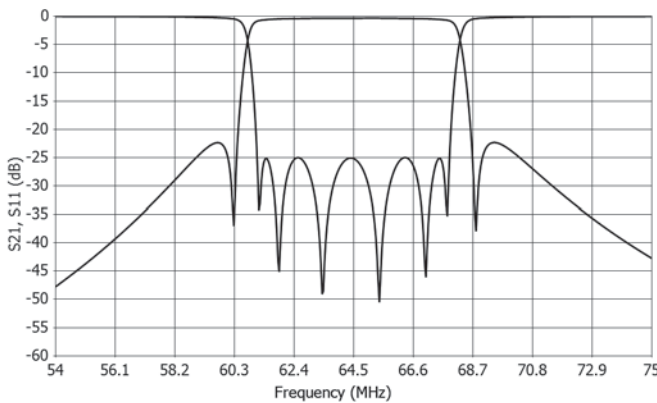


SPECIFICATIONS

Product Code	A-HR6E100A-xx-yy
Project Number	J-095-01
DVB Mask	Non Critical Mask
ATSC Mask	Stringent Mask
Frequency Range	41 – 100 MHz
Bandwidth	6 to 8 MHz
Order	6-Pole Elliptical Response
Max Input Power	250 W DTV (375 W ATV)
Temperature Stability	< 4 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	344 x 107 x 510 mm
Weight	10 kg (22 lb)
Output Monitor Probe	SMA Female
Connectors Interface	2 x 32mm Series
Connectors	D-PC32E 7-16 Female (Default) D-PC32C N Female
Options	O-MR.01 SMB Output Monitor Probe

BANDPASS FILTERS
VHF B.I-II



TUNING DATA

	DVB 7 MHz N.C.M.	ATSC Stringent M.
Insertion Loss	< 0.60 dB @ C.F. < 1.50 dB @ C.F. ±3.325 MHz	< 0.70 dB @ C.F. < 1.30 dB @ C.F.±2.7 MHz
Selectivity	> 2 dB @ C.F. ±3.675 MHz > 16 dB @ C.F. ± 5.25 MHz > 36 dB @ C.F. ± 10.5 MHz	> 2 dB @ C.F. ±3.5 MHz > 29 dB @ C.F. ± 6 MHz > 40 dB @ C.F. ± 9 MHz
Harmonic Attenuation	> 50 dB up to 300 MHz	> 50 dB up to 300 MHz
Return Loss	> 24 dB (VSWR < 1.13)	> 24 dB (VSWR < 1.13)
Group Delay Variation	< 200 ns	< 150 ns
Over-Temperature	< 13 K @ 250 W DTV	< 16 K @ 250 W DTV