

Notice of Specification Change Waiver

Anaren Waiver # [CHEN-9SLKR9](#)
Anaren P/N: 69367-G001/DC2337J5010AHF

Affected parts date and CTL codes:

CTL #	17	19	20	7
Date Code	1450	1450	1450	1506

Notice of Specification Change(s):

Anaren regrets to inform you that a specification change is required for the DC2337J5010AHF product. Return loss, mean coupling, directivity, and frequency sensitivity balance are the specific parameters that require a change. The tables below outline current specifications and updated specifications.

Current Data Sheet Specifications:

Frequency	Mean Coupling		Insertion Loss	Return Loss	Directivity	Frequency Sensitivity	Power Handling
	dB Min	dB Max					
MHz							
2300-2400MHz	10.2	11.2	0.22	20.0	20.0	0.07	2
2400-2500MHz	10.0	11.1	0.22	20.0	20.0	0.06	2
2630-2655MHz	9.8	10.9	0.22	20.0	20.0	0.01	2
3300-3700MHz	10.2	11.4	0.29	17.4	16.0	0.4	2

Updated Specifications for parts shipped after Feb 4th 2015 from Digi-Key:

Frequency	Mean Coupling		Insertion Loss	Return Loss	Directivity	Frequency Sensitivity	Power Handling
	dB Min	dB Max					
MHz							
2300-2400MHz	9.9	11.1	0.22	15.0	16.0	0.09	2
2400-2500MHz	9.7	10.9	0.22	15.0	17.0	0.08	2
2630-2655MHz	9.6	10.8	0.22	16.0	17.0	0.02	2
3300-3700MHz	9.9	11.1	0.29	16.5	19.0	0.40	2

Justification:

When Anaren originally established the specifications for this part, they were based on estimated projections for material and process stability established during low volume pilot builds. As we have increased production quantities, it has become apparent that these projections were too optimistic. The net result is that this part has had consistently poor yield. Anaren is currently performing a part redesign to better target or original specs now that there is a better understanding of material and process variables and the effect on performance for this part.