

July 7th, 2016

Notice of Specification Change

Customer: All
Anaren P/N: 66520-G001/DC0710J5010AHF

Anaren PCN # **CHEN-ABMJJH**

Notice of Specification Change(s):

Anaren regrets to inform you that a specification change is required for the DC0710J5010AHF directional coupler. Mean coupling, return loss, directivity, and frequency sensitivity 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
	<i>dB Min</i>	<i>dB Max</i>					
<i>MHz</i>			<i>dB Max</i>	<i>dB Max</i>	<i>Deg Min</i>	<i>dB Max</i>	<i>Watts Max</i>
700-1000MHz	11.4	10.5	0.30	14.5	17.3	0.50	2
869-894MHz	11.2	10.3	0.29	15.9	18.4	0.05	2
925-960MHz	11.5	10.5	0.30	16.7	19.3	0.12	2

Updated Data Sheet Specifications:

Frequency	Mean Coupling		Insertion Loss	Return Loss	Directivity	Frequency Sensitivity	Power Handling
	<i>dB Min</i>	<i>dB Max</i>					
<i>MHz</i>			<i>dB Max</i>	<i>dB Max</i>	<i>Deg Min</i>	<i>dB Max</i>	<i>Watts Max</i>
700-1000MHz	11.7	10.2	0.30	14.2	17.3	0.54	2
869-894MHz	11.3	10.2	0.29	15.9	18.4	0.09	2
925-960MHz	11.8	10.2	0.30	16.7	19.1	0.12	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.

Specification Change Timeline:

Effective immediately, Anaren will only ship parts under the new specification upon approval of a waiver request due to lack of inventory.

To help determine the impact of this change on customer system performance samples are available of units with performance tested to the updated specifications.

Anaren regrets the required specification change but we feel that it is essential to ensure timely and consistent deliveries

If you have any questions or need further information, please call me at 1-800-544-2414 or send e-mail to casey.hennigan@anaren.com.

Sincerely,

Casey Hennigan
Project Engineer (Wireless Components)
Anaren Microwave Inc.
<http://www.anaren.com>