

March 28nd, 2016

Notice of Specification Change

Customer: All Anaren Waiver # **CHEN-A8CQCH**
Anaren P/N: 59030-G001/DC1722J5010AHF

Notice of Specification Change(s):

Anaren regrets to inform you that a specification change is required for the DC1722J5010AHF directional coupler. Max mean coupling 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>
1700-2200MHz	10.5	11.2	0.30	15.6	13.1	0.25	2
1805-1880MHz	10.3	11.0	0.30	15.9	18.2	0.01	2
1930-1990MHz	10.4	11.1	0.30	16.1	16.4	0.03	2
2110-2170MHz	10.6	11.4	0.31	16.5	13.6	0.07	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>
1700-2200MHz	9.9	11.2	0.30	15.6	13.1	0.25	2
1805-1880MHz	9.8	11.0	0.30	15.9	18.2	0.04	2
1930-1990MHz	9.8	11.1	0.30	16.1	16.4	0.03	2
2110-2170MHz	10.0	11.4	0.31	16.5	13.6	0.10	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 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.
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