

	<h2>SPECIFICATION SHEET</h2>	<p>20917 Higgins Court Torrance, Ca. 90501</p> <p>Phone: 310-357-4450 800-444-2288 Fax: 310-357-4465</p> <p>www.main-line-inc.com e-mail: sales@main-line-inc.com engineering@main-line-inc.com</p>
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MLE300XDF-01

Plug-in Diplex Filter (5-40/54-1000 MHz) for the Gizmomax, Systemax, and Magnamax 1 GHz Series

Manufactured by Mainline

I. Return Loss

5-40 MHz	(-26 dB minimum)
54-60 MHz	(-22 dB minimum)
60-750 MHz	(-24 dB minimum)
750-1000 MHz	(-22 dB minimum)

Test Condition: At the Com pin with a 75 ohm termination on the LP and HP pins.

II. Low Pass Insertion Loss

@ 40 MHz -1.10 dB (+/-0.15 dB)

Test condition: From the Com pin to the LP pin with a 75 ohm termination on the HP pin.

III. High Pass Insertion Loss

@ 1000 MHz -0.60 dB (+/-0.15 dB)

Test condition: From the Com pin to the HP pin with a 75 ohm termination on the LP pin.

IV. Isolation

40-54 MHz (-38.5 dB minimum)

Test condition: From the LP pin to the HP pin with a 75 ohm termination on the Com pin.

Note: Measurements on individual diplex filters may differ slightly from these values.