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Replacement 750 MHz/ 870 MHz/ 1 GHz Cable Simulators for:

### General Instruments Style BCS/\* Series Manufactured By Mainline

Part Number	Value (dB)	Insertion Loss @ MHz									Tilt (dB)		
		50	200	300	450	550	650	750	870	1 GHz	750	870	1 GHz
MGIE-00	<b>0.0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
MGIC-01	<b>1.0</b>	1.0	1.3	1.5	1.7	1.8	1.9	2.0	2.1	2.1	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>
MGIC-02	<b>2.0</b>	1.0	1.7	2.0	2.4	2.6	2.8	3.0	3.3	3.3	<b>2.0</b>	<b>2.3</b>	<b>2.3</b>
MGIC-03	<b>3.0</b>	1.0	1.9	2.4	3.0	3.3	3.7	4.0	4.3	4.3	<b>3.0</b>	<b>3.3</b>	<b>3.3</b>
MGIC-04	<b>4.0</b>	1.0	2.3	2.9	3.7	4.1	4.6	5.0	5.4	5.4	<b>4.0</b>	<b>4.4</b>	<b>4.4</b>
MGIC-05	<b>5.0</b>	1.0	2.6	3.4	4.4	4.9	5.5	6.0	6.5	6.5	<b>5.0</b>	<b>5.5</b>	<b>5.5</b>
MGIC-06	<b>6.0</b>	1.0	3.0	3.9	5.1	5.8	6.4	7.0	7.7	7.7	<b>6.0</b>	<b>6.7</b>	<b>6.7</b>
MGIC-07	<b>7.0</b>	1.0	3.3	4.4	5.8	6.6	7.3	8.0	8.8	8.8	<b>7.0</b>	<b>7.8</b>	<b>7.8</b>
MGIC-08	<b>8.0</b>	1.0	3.7	4.9	6.5	7.4	8.3	9.0	9.9	9.9	<b>8.0</b>	<b>8.9</b>	<b>8.9</b>
MGIC-09	<b>9.0</b>	1.0	3.9	5.3	7.0	8.1	9.1	10.0	10.9	10.9	<b>9.0</b>	<b>9.9</b>	<b>9.9</b>
MGIC-10	<b>10.0</b>	1.0	4.3	5.8	7.7	8.9	10.0	11.0	12.1	12.1	<b>10.0</b>	<b>11.1</b>	<b>11.1</b>

Return Loss I/O: **18/18 dB**

Passband Flatness: **+/-0.2 dB** cable equivalent

*Note: Measurements on individual cable simulators may differ slightly from these values.*

\*Main Line Equipment Inc. is a manufacturer of equivalent replacement Equalizers, Pads and Plug-ins. Main Line Equipment Inc. is not a sales agent for Augat, C-Cor, Motorola (GI), Scientific Atlanta, Antec (Texscan) or Alpha Power Supply.