



Forward Equalizer, 1 GHz, SEQ

For Broadband International[®] 2PAC-C Line Extenders and
 ARRIS[®]/C-COR[®] FlexMax 901e, 901, 331 Amplifiers and OM2700 Nodes*

PARAMETER	SPECIFICATION	Unit
Passband	50-1003	MHz
Flatness	+/- 0.4	dB
Insertion Loss (Max)	1.2	dB
Return Loss	-20	dB

1 GHz Slope Chart – Frequency vs. Insertion Loss

BBI Part #	Value	Slope	50	85	105	300	450	550	650	750	870	1003
683100	0	0	0	0	0	0	0	0	0	0	0	0
683102	2	1	1.9	1.8	1.8	1.5	1.4	1.2	1.2	1.1	1.0	0.9
683103	3	2	2.9	2.7	2.7	2.1	1.8	1.6	1.4	1.3	1.1	0.9
683104	4	3	3.9	3.7	3.6	2.7	2.3	2.0	1.7	1.5	1.2	0.9
683105	5	4	4.9	4.6	4.4	3.4	2.7	2.3	2.0	1.7	1.3	0.9
683106	6	5	5.9	5.5	5.3	4.0	3.2	2.7	2.3	1.8	1.4	0.9
683107	7	6	6.9	6.4	6.2	4.6	3.6	3.1	2.5	2.0	1.5	0.9
683108	8	7	7.9	7.4	7.0	5.2	4.1	3.4	2.8	2.2	1.6	0.9
683109	9	8	8.9	8.3	8.0	5.8	4.5	3.8	3.1	2.4	1.7	0.9
683110	10	9	9.9	9.2	8.9	6.4	5.0	4.1	3.3	2.6	1.8	0.9
683111	11	10	10.9	10.1	9.7	7.0	5.4	4.5	3.6	2.8	1.9	0.9
683112	12	11	11.9	11.0	10.6	7.6	5.9	4.9	3.9	3.0	2.0	0.9
683113	13	12	12.9	12.0	11.5	8.2	6.3	5.2	4.2	3.2	2.1	0.9
683114	14	13	13.9	12.9	12.4	8.9	6.8	5.6	4.4	3.4	2.2	0.9
683115	15	14	14.9	13.8	13.3	9.5	7.3	5.9	4.7	3.6	2.3	0.9
683116	16	15	15.9	14.7	14.2	10.1	7.7	6.3	5.0	3.8	2.3	0.9
683117	17	16	16.9	15.7	15.0	10.7	8.2	6.7	5.3	3.9	2.4	0.9
683118	18	17	17.9	16.6	15.9	11.3	8.6	7.0	5.5	4.1	2.5	0.9
683119	19	18	18.9	17.5	16.8	11.9	9.1	7.4	5.8	4.3	2.6	0.9
683120	20	19	19.9	18.4	17.7	12.5	9.5	7.7	6.1	4.5	2.7	0.9

*Note: Cannot be plugged into FM 330 or legacy C-COR amps due to PCB Guiding Mechanism