



Cable Simulator, 1 GHz/870 MHz, SCS Series

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/ 1 GHz	Slope/ 870 MHz	50	65	85	105	550	650	750	870	1003
683102C	2	1	0.9	1.0	1.0	1.1	1.1	1.6	1.7	1.8	1.9	2.0
683103C	3	2	1.8	1.0	1.1	1.2	1.2	2.3	2.5	2.6	2.8	3.0
683104C	4	3	2.7	1.0	1.1	1.2	1.4	2.9	3.2	3.4	3.7	4.0
683105C	5	4	3.6	1.0	1.2	1.3	1.5	3.6	3.9	4.2	4.6	5.0
683106C	6	5	4.5	1.0	1.2	1.4	1.6	4.2	4.6	5.0	5.5	6.0
683107C	7	6	5.4	1.0	1.2	1.5	1.7	4.8	5.4	5.9	6.4	7.0
683108C	8	7	6.3	1.0	1.3	1.6	1.8	5.5	6.1	6.7	7.3	8.0
683109C	9	8	7.2	1.0	1.3	1.6	1.9	6.1	6.8	7.5	8.2	9.0
683110C	10	9	8.1	1.0	1.3	1.7	2.0	6.8	7.6	8.3	9.1	10.0
683111C	11	10	9.0	1.0	1.4	1.8	2.2	7.4	8.3	9.1	10.0	11.0
683112C	12	11	9.9	1.0	1.4	1.9	2.3	8.0	9.0	9.9	10.9	12.0
683113C	13	12	10.8	1.0	1.4	1.9	2.4	8.7	9.7	10.7	11.8	13.0
683114C	14	13	11.7	1.0	1.5	2.0	2.5	9.3	10.5	11.5	12.7	14.0
683115C	15	14	12.4	1.0	1.5	2.1	2.6	10.0	11.2	12.3	13.4	15.0

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