

## Forward Equalizer, 750 MHz



For Broadband International® 4PAC-S2 and 2PAC-S2  
 and Scientific Atlanta® System Amplifiers, Line Extenders, and Nodes

PARAMETER	SPECIFICATION	UNIT
Passband	50-750	MHz
Flatness	+/- 0.3	dB
Insertion Loss (Max)	1.2	dB
Return Loss	-18	dB

### 750 MHz Slope Chart – Frequency vs. Insertion Loss

BBI Part #	Value	Slope	50	70	85	185	204	550	600	750
276000	0	0	0	0	0	0	0	0	0	0
276701	1.5	1.2	2.2	2.1	2	1.8	1.7	1.2	1.2	1
276703	3	2.3	3.3	3.3	3.2	2.6	2.5	1.5	1.4	1
276704	4.5	3.5	4.5	4.3	4.1	3.4	3.2	1.7	1.5	1
276706	6	4.6	5.6	5.3	5.1	4.2	3.9	2	1.7	1
276707	7.5	5.8	6.8	6.4	6.2	5	4.7	2.2	1.9	1
276709	9	6.9	7.9	7.5	7.2	5.8	5.4	2.4	2.1	1
276710	10.5	8.1	9.1	8.6	8.2	6.6	6.1	2.7	2.2	1
276712	12	9.2	10.2	9.7	9.3	7.4	6.9	2.9	2.4	1
276713	13.5	10.4	11.4	10.8	10.3	8.2	7.6	3.2	2.6	1
276715	15	11.5	12.5	11.9	11.3	9	8.4	3.4	2.8	1
276716	16.5	12.7	13.7	12.9	12.4	9.9	9.1	3.7	3	1
276718	18	13.9	14.9	14	13.4	10.7	9.8	3.9	3.1	1
276719	19.5	15	16	15.1	14.4	11.5	10.5	4.1	3.3	1
276721	21	16.2	17.2	16.2	15.5	12.3	11.3	4.4	3.5	1
276722	22.5	17.4	18.4	17.3	16.5	13.1	12	4.6	3.7	1
276724	24	18.4	19.4	18.4	17.5	13.9	12.8	4.9	3.8	1
276725	25.5	19.6	20.6	19.5	18.6	14.7	13.5	5.1	4	1
276727	27	20.8	21.8	20.5	19.6	15.5	14.2	5.3	4.2	1
276728	28.5	21.7	22.7	21.4	20.6	16.3	14.9	5.5	4.4	1
276730	30	22.8	23.8	22.3	21.6	17.1	15.7	5.7	4.6	1
276731	31.5	23.7	24.7	23.4	22.5	17.9	16.4	6	4.8	1
276733	33	24.6	25.6	24.5	23.6	18.7	17.1	6.2	5.1	1
276734	34.5	25.5	26.5	25.4	24.5	19.4	17.9	6.4	5.4	1