

Reverse Variable Equalizer, 85 MHz



For Cisco[®] Nodes, and Cisco[®] and Broadband International[®] System Amplifiers and Line Extenders

The Reverse Variable Equalizer product line was developed to reduce customer interruptions while changing the equalizer values in a line amplifier. These EQs cover the equalizer range from 0 dB to 6 dB and 7 dB to 12 dB. This eliminates the necessity for technicians to carry multiple individual values of equalizers.

High levels of network reliability are required in today's competitive marketplace and are achieved by allowing the technician to **change equalizer values without causing service outages.**

Part Number	dB Values	Passband
206856V	0 dB to 6 dB	5-85 MHz
206812V	7 dB to 12 dB	5-85 MHz

PARAMETER	SPECIFICATION	UNIT
Passband	5-85	MHz
Flatness	+/-0.5	dB
Insertion Loss (Max)	1 at 85 MHz	dB
Values	0-6 and 7-12	dB

Features:

- **Adjustable pot for selecting values**
- **7 individual dB values on the 0-6 dB EQ and 6 values on the 7-12 dB EQ**
- **Less EQs to order and maintain**
- **Less inventory in trucks and warehouse**
- **Cost effective**
- **Superior performance specifications**



Comparison Between BBI Reverse Variable Equalizers* and Fixed Value Equalizers

BBI/Cisco 85 MHz Variable Equalizers			Insertion Loss		
OEM P.N.	BBI P.N.	Values	Slope	5 MHz	85 MHz
N/A	206856V	0 dB	0	0.6	0.6
		1 dB	0.8	1.5	0.7
		2 dB	1.5	2.2	0.7
		3 dB	1.9	2.6	0.7
		4 dB	2.7	3.3	0.6
		5 dB	3.5	4.1	0.6
		6 dB	4.4	5.0	0.6
N/A	206812V	7 dB	5.2	5.5	0.3
		8 dB	6.4	6.6	0.2
		9 dB	7.2	7.4	0.2
		10 dB	7.9	8.1	0.2
		11 dB	8.6	8.8	0.2
		12 dB	9.5	9.7	0.2

BBI/Cisco 85 MHz Fixed Value Equalizers			Insertion Loss		
OEM P.N.	BBI P.N.	Values	Slope	5 MHz	85 MHz
712719	206000	0 dB	0	0	0
4036769	206801	1 dB	0.7	1.2	0.5
4036770	206802	2 dB	1.3	1.8	0.5
4036771	206803	3 dB	2.1	2.6	0.5
4036772	206804	4 dB	2.7	3.2	0.5
4036773	206805	5 dB	3.6	4.1	0.5
4036774	206806	6 dB	4.4	4.9	0.5
4036775	206807	7 dB	5.2	5.7	0.5
4036776	206808	8 dB	6.1	6.6	0.5
4036777	206809	9 dB	6.9	7.4	0.5
4036778	206810	10 dB	7.6	8.1	0.5
4036789	206811	11 dB	8.3	8.8	0.5
4036780	206812	12 dB	9.2	9.7	0.5