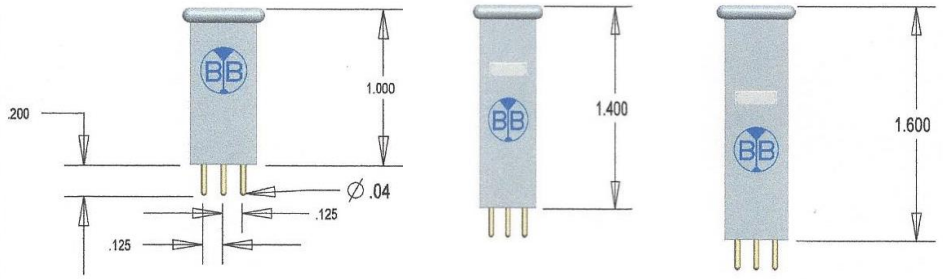
BroadBand International®
BROADBAND. AMPLIFIED.

Reverse Equalizers – JXP Style
85 MHz - Cable Tilt (Grey)

The equalizer single value plug-in is normally installed at the input RF flow of the upstream optical transmitter located inside the optical node. The optical node is located in the outside cable plant in most CATV system and connected to the Headend via a fiber optic cable. This equalizer allows the signals to be pre-equalized before reaching the headend.

Pre-equalization is supplied to the cable Headend processing equipment so that all signals in the return path will arrive at the CMTS and other reverse signal processing equipment at an equal level.

Reverse Equalizers – JXP Style 85 MHz Equalization – Cable Tilt (in Grey Plastic)		
PARAMETER	**SPECIFICATION**	**Unit**
Passband	5-85 MHz	MHz
Flatness	+/- 0.3	dB
Return Loss	-20	dB



Features:

- **Installs into most optical nodes to provide equalization in the upstream laser input path**
- **Available in 3 lengths of 1.0", 1.4", and 1.6"**

85 MHz – Cable Tilt (Grey)		
BBI Part Number	**Values**	**Length**
568802-6	2 dB EQ	1.6"
568803-6	3 dB EQ	1.6"
568804-6	4 dB EQ	1.6"
568805-6	5 dB EQ	1.6"
568806-6	6 dB EQ	1.6"
568807-6	7 dB EQ	1.6"
568808-6	8 dB EQ	1.6"
568809-6	9 dB EQ	1.6"
568810-6	10 dB EQ	1.6"
568811-6	11 dB EQ	1.6"
568802-4	2 dB EQ	1.4"
568803-4	3 dB EQ	1.4"
568804-4	4 dB EQ	1.4"
568805-4	5 dB EQ	1.4"
568806-4	6 dB EQ	1.4"
568807-4	7 dB EQ	1.4"
568808-4	8 dB EQ	1.4"
568809-4	9 dB EQ	1.4"
568810-4	10 dB EQ	1.4"
568811-4	11 dB EQ	1.4"
568802-1	2 dB EQ	1.0"
568803-1	3 dB EQ	1.0"
568804-1	4 dB EQ	1.0"
568805-1	5 dB EQ	1.0"
568806-1	6 dB EQ	1.0"
568807-1	7 dB EQ	1.0"
568808-1	8 dB EQ	1.0"
568809-1	9 dB EQ	1.0"
568810-1	10 dB EQ	1.0"
568811-1	11 dB EQ	1.0"

85 MHz with Cable Tilt	Insertion loss in dB at Frequency (MHz)							
Values	5	10	20	30	40	60	70	85
2 dB EQ	2	1.9	1.7	1.5	1.4	1.2	1.1	0.9
3 dB EQ	3	2.7	2.4	2.1	1.8	1.4	1.2	0.9
4 dB EQ	4	3.6	3	2.6	2.2	1.6	1.4	0.9
5 dB EQ	5	4.5	3.7	3.2	2.7	1.8	1.5	0.9
6 dB EQ	6	5.3	4.4	3.7	3.1	2.1	1.6	0.9
7 dB EQ	7	6.2	5.1	4.2	3.5	2.3	1.7	0.9
8 dB EQ	8	7.1	5.8	4.8	3.9	2.5	1.9	0.9
9 dB EQ	9	8	6.5	5.3	4.3	2.7	2	0.9
10 dB EQ	10	8.9	7.2	5.9	4.8	2.9	2.1	0.9
11 dB EQ	11	9.8	7.8	6.4	5.2	3.1	2.2	0.9