

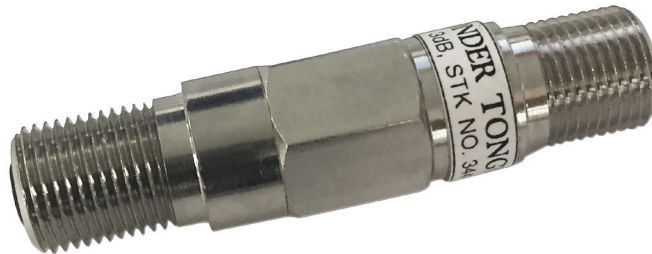
# Blonder Tongue

## ILEQ-1000

In-Line Cable Equalizer

### SOLUTIONS FOR ALL YOUR APPLICATIONS

The **ILEQ-1000** is an inline 5 to 1000 MHz cable equalizer available in 3, 6, 9, and 12 dB values. Its compact body has a F-type Female to Female connector design for easy installation within broadband CATV headends or distribution systems requiring additional slope compensation. The equalizer features a smooth slope response with low insertion loss, is RFI shielded and waterproof.



### Features

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- 5-1000 MHz Bandwidth
- Fixed values of 3, 6, 9, and 12 dB
- F-type Female to Female Connectors
- Low Insertion Loss
- RFI Shielding
- Waterproof

### Ordering Information

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Model	Stock #	Description
ILEQ-1000	3449 03	In-line Cable Equalizer, 3 dB, 5-1000 MHz
	3449 06	In-line Cable Equalizer, 6 dB, 5-1000 MHz
	3449 09	In-line Cable Equalizer, 9 dB, 5-1000 MHz
	3449 12	In-line Cable Equalizer, 12 dB, 5-1000 MHz

# Specifications

## Electrical

<b>Frequency Range:</b>	5 to 1000 MHz
<b>Impedance:</b>	75 $\Omega$
<b>Insertion Loss @ 5 MHz</b>	
<b>3 dB:</b>	3.0 dB +/- 0.4 dB
<b>6 dB:</b>	6.0 dB +/- 0.4 dB
<b>9 dB:</b>	9.0 dB +/- 0.5 dB
<b>12 dB:</b>	12.0 dB +/- 0.5 dB
<b>Insertion Loss @ 1000 MHz:</b>	0.5 dB Typical (1.0 dB worst case)
<b>Return Loss (5-1000 MHz):</b>	20 dB Typical (16 dB worst case)
<b>Slope Flatness (5-1000 MHz):</b>	+/- 0.5 dB
<b>RFI Shielding:</b>	Complies with EN 50083-2 Class A Standard

## Mechanical

<b>Housing:</b>	Copper Tube
<b>Connectors:</b>	75 $\Omega$ F-Type Female to Female
<b>Dimensions:</b>	0.5" dia. x 1.8" length (12.5 mm dia. x 46.6 mm length)
<b>Net Weight:</b>	0.50 ounces (15.5 g)
<b>Ingress Protection:</b>	IPx4