

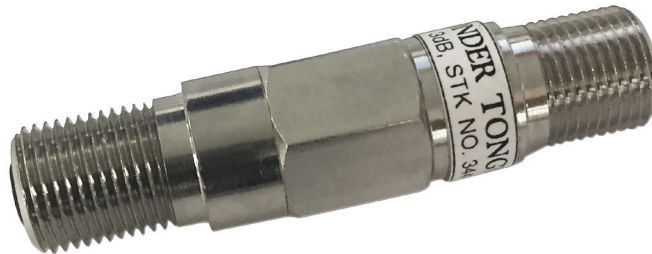
Blonder Tongue

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

- 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

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

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

Mechanical

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