

HE-89 / 890 HumEater



HE-89
Single system

HE-890
10 systems

Easily remove the Hum noise

Overview

The HumEater is for solving the trouble of inductive hum and noise interfering in video signal*1, which occurs due to potential difference in earth grounding. The way to use the Humeater is very simple; just insert it into the coaxial cable which causes the trouble. No power source is required, and no equipment trouble will occur as it is a passive circuitry. Of course, as it will not become the cause of deterioration in DG and DP, it can be used freely at any place.*2

*1 It is an analog signal only.

*2 Please note that DC voltage is so slightly loss.

<http://www.asaca.co.jp/>

HumEater series

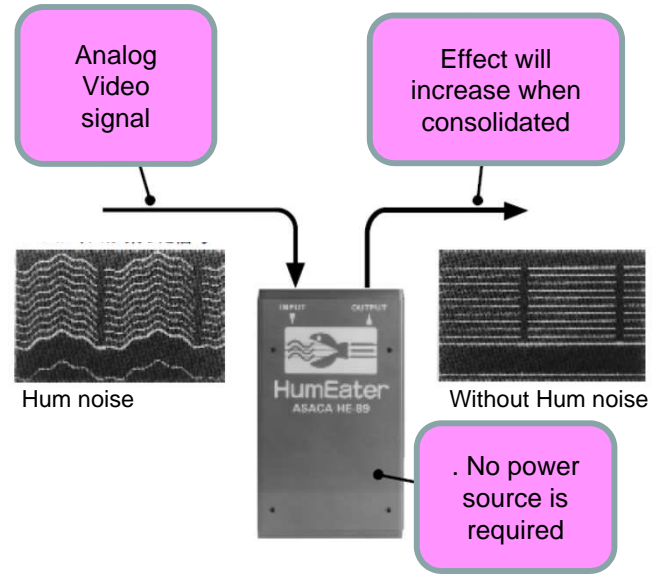
HE-89 : 1 line model

HE-890 : 10 lines model

Example of usage

Insert the HumEater in the cables which become the cause of interference, such as in the case of connecting the following equipment, mutually : terminal station, studio, master control room, equipment room, including outside broadcast van, VTR van, microwave pickup equipment and monitor cable extended over a long distance.

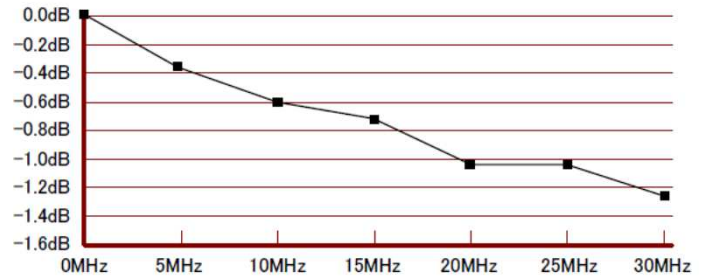
*It does not correspond to the SDI in for the analog signal only.



Characteristics

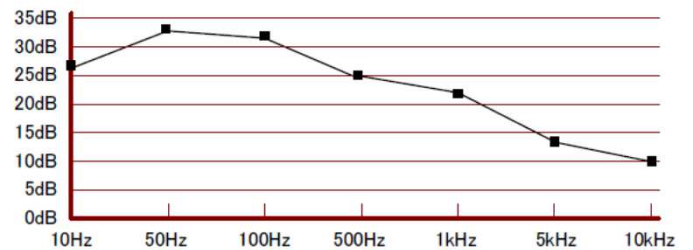
Frequency response (dB)

Frequency	HE-89/HE890
10MHz	-0.6
20MHz	-1.02
30MHz	-1.25



Improvement rate of Hum (dB)

Frequency	HE-89/HE890
10Hz	26.0
50Hz	33.0
100Hz	32.0



Specifications

Model No.	HE-89	HE-890
Impedance/Connector	75 ohm / BNC	75 ohm / BNC
No. of circuit	1	10
Insertion loss	Less than 0.2 dB	Less than 0.2 dB
Dimensions (mm)	100(H) x 55(D) x 166(H)	EIA 482(H) x 384(D) x 132.2(H) JIS 482(H) x 384(D) x 149(H)
Weight	1.7 kg	26.5 kg