

Ground Loop Isolator for CCTV Equipment

VG-1C12AQ

The ENFORCER series video ground loop isolators are passive devices that help to reduce ground loop interference caused by a difference in ground potential typically caused by unbalanced building power loads. Ground loop isolators can be installed in new installations or added to existing installations.

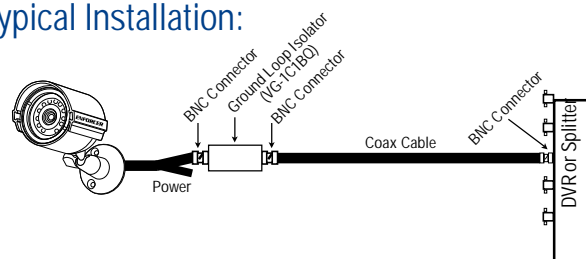
Video ground loop isolators should be installed on the camera side of your cable and can be used with standard BNC coax cable or with video baluns over UTP.



Features:

- ▶ Built-in Transient Voltage Suppression (TVS).
- ▶ Gold-plated BNC connector improves reliability and product life.
- ▶ Passive operation -- No external power required.
- ▶ High immunity from interference -- Built-in impedance coupled device and noise filter.
- ▶ Helps to reduce RF interference, cross talk, picture tearing, and other picture quality problems.
- ▶ BNC and quick connect terminals for easy installation.
- ▶ Small size, only 2⁷/₈" x 1¹/₈" x 1" (73 x 28 x 26 mm).

Typical Installation:



Specifications:

Bandwidth	Video DC to 8MHz
Maximum Input	1.0Vp-p
Insertion Loss	<0.5dB
Frequency Response	0-3dB at 10MHz
Isolation Voltage	600VDC (Min)
Insulation Resistance	100M Ohm
Transient Voltage Suppression	12Vrms
Range	984' (300m)
Connectors In	BNC Male
Connectors Out	BNC Female (VG-1C12AQ)
Impedance	75 ohm
Dimensions	3 ³ / ₃₂ " x 1 ⁵ / ₃₂ " x 3 ¹ / ₃₂ " (78.6 x 29.4 x 24.4 mm)
Material	ABS Black
Temperature	Operating temp. 32°~131° F (0°~55° C)

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