



GCB01HD

HD Ground Loop Isolator

The GCB01HD is a passive ground loop isolator for AHD / HDCVI / HDTV / Analogue Video Signal over Coaxial Cable. The main application is to combat interference issues caused by different ground potential during the signal transmission, which improves the video anti-interference capability and effectively eliminate tearing and scrolling pictures. The devices embedded lightning protection system improves the stability.

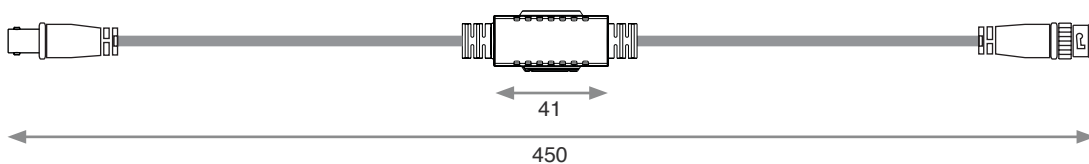


GCB01HD

Key Features

- Passive, No Power Required
- Eliminate Video Distortion caused by Ground Loops Circuit
- Eliminate issues such as Image Tearing, Cross-Talk, Rolling etc.
- Fully Compatible with AHD, HDCVI, HDTV, Analogue Video Signals
- Built-In 800v Insulated Voltage
- Excellent Anti-Interference Capability, Superior Lighting-Protection, ESD and EFT Capability

Dimensions (mm)





Technical Specification

Model Number	GCB01HD
Insertion Loss	0.5dB
Frequency Response	5Hz-70MHz
Input Impedance	75Ω
Output Impedance	75Ω
Isolation Voltage	800V (Minimum)
Isolation Resistance	100M Ω
Surge Protection	Level 3 Per IEC61000-4-5
ESD Protection	Contact Discharge: 6KV, Air Discharge: 8KV, Per IEC61000-4-2
Operation Temperature	-10°C ~ 55°C
Storage Temperature	-40°C ~ 85°C
Humidity	0~95% (Non-Condensing)
Dimensions (L x W x H)	41 x 24.5 x 21.6 mm
Weight	51g

Genie CCTV reserves the right to change specifications without notice. Please contact your representative to confirm current specifications.

Application Diagram

