

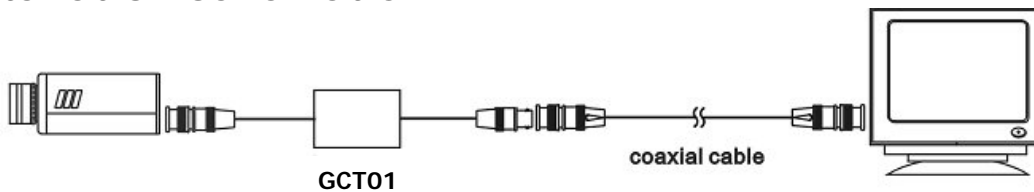
coaxial video ground loop isolator



The GCT01 Video Ground Loop Isolator is a passive device that can reduce Ground Loop Interference with composite video signals. It is used in situations where video signals are being transmitted between points with different ground potentials. Unbalanced power line loads typically cause differences in ground potentials.

- ✓ **BNC male to screw terminal, video + and -**
- ✓ **passive, no power required**
- ✓ **prevents video signal distortion caused by video ground loops**
- ✓ **built in TVS (Transient Voltage Suppressor) for surge protection**

installation schematic



The GCT01 should be installed where cable runs between/within buildings are fed from different power sources. It must be installed at the camera end of the circuit. All cameras powered from such power sources must be fitted with Ground Loop Isolators to prevent ground loops.

technical specification

	GCT01
Insertion Loss	0.5dB
Frequency Response	0-3dB at 10Mhz
Input Resistance	75 ohms
Output Resistance	75 ohms
Isolation Voltage	600VDC (Min)
Insulation Resistance	100m Ohm
Transient Voltage Suppressor	12V rms
Material	ABS Black