



HDCVI/TVI/AHD/CVBS Video Ground Loop Isolator

Model: NPV-B1GLI-M

Main Features:

- ✦ Ground isolation > 60 dB;
- ✦ Compatible with HDCVI/TVI/AHD/CVBS;
- ✦ Used for long-distance transmission, up to 250m;
- ✦ Built-in ESD and surge protection;
- ✦ Single-channel passive video isolator, no power needed.

I/O Interfaces

Video Input	BNC Female (1 Vp-p, 75 Ω)
Video Output	BNC Male (1 Vp-p, 75 Ω)

Transmission Performance

Video Format	HDCVI, TVI, AHD, CVBS
Video Resolution	720P, 1080P, 4MP, 5MP, 8MP (4K)
Effective Distance	≤ 250m
Bandwidth	0 to 65 MHz
Insertion Loss	0.5 dB
Ground Isolation	> 60 dB
Insulation Resistance	100 MΩ

Protection

ESD Protection	6 KV (Contact), 8 KV (Air) per IEC61000-4-2
Surge Protection	BNC Connector: 2 KV (common-mode, IEC61000-4-5)

Environment

Operating Temperature	-10°C to 50°C
Operating Humidity	RH 10% to 90% (non-condensing)
Storage Temperature	-40°C to 80°C
Storage Humidity	RH 5% to 96% (non-condensing)

General

Shell Material	ABS
Dimension	20x17.5x60 mm (LxWxH), Length = 32 cm
Net Weight	29 g
Gross Weight	35 g (carded blister pack)
