

Video Isolation Transformers



MPS Industries announces that it has developed a series of low cost, high quality transformers for video signal ground loop isolation to support the CCTV and Audio/Video industries. Our new developments support the latest video/surveillance systems, improving video quality by reducing the signal noise to provide a crystal clear picture to the monitoring system.

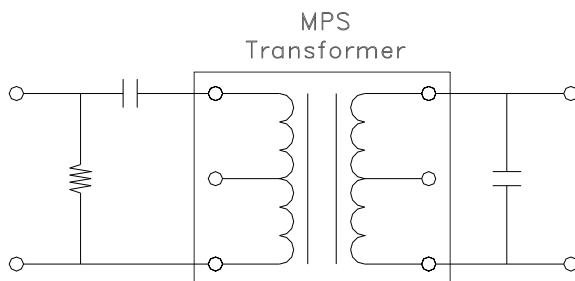
These transformers are constructed to give better ground loop isolation and common mode rejection, helping improve the image quality by reducing the longitudinal hum which is caused by earth loop current flows due to AC or DC earth potentials, bandwidth from 10Hz up to 10MHz.

MPS video isolation transformers can also be custom designed into different configurations and dimensions based on customer requirements for impedance matching and bandwidth. Some commonly used configurations are:

75Ω:75Ω for coaxial to coaxial cable (MPS P/N R3542, R3536-2, R3557)

75Ω:100Ω for coaxial to UTP cable (MPS P/N R3532, R3536-1)

75Ω:75Ω with shielded metal enclosure and BNC connectors (R3559)



Application Circuit
(Reference Only)



6MHz - 800MHz RF
Isolation Transformer

MPS Industries also designs custom balun transformers for cable TV, set top box and optical hub industries from MHz to GHz. You are welcome to visit our webpage for standard items or contact our design engineers directly for custom requirements.

Video isolation transformer technical specifications and ordering information is available at www.mpsind.com.

About MPS Industries

MPS Industries manufactures and distributes a full product range of electronic components for commercial, computer, communication and medical applications. Manufacturing facilities are ISO 9001 compliant.