3 TOP TIPS

For Using TVI Technology…
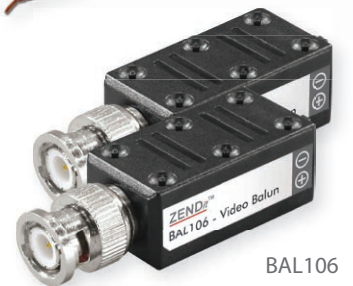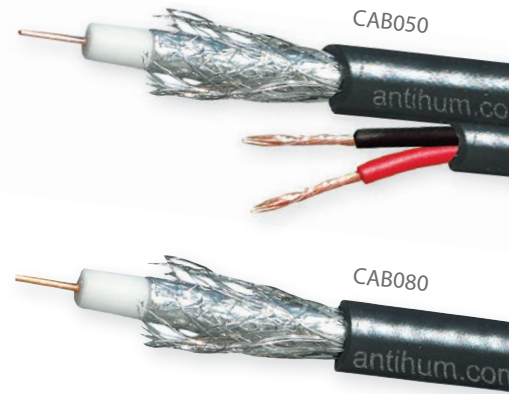
1 Use Copper Cores…

Always use Copper core coaxial cables and avoid Steel core or CCA (copper coated aluminium coaxial cables). You save have a few pounds using cheap coax but the performance is much less than solid Copper core cables. Anti-Hum RG59 cable has always been a solid copper core throughout the 20 years we have sold it.

2 Use 75 Ohm Cable…

75 Ohm cables are the best match for TVI technology. These tend to have the best behaviour with HD-TVI products. Please beware with some cheap RG59 cables their impedance can vary greatly so if you buy cheap cable expect cheap results.

3 Don't forget Baluns…

For UTP cables, such as CAT5 or CAT6 you need to use Baluns with TVI cameras. Standard definition "traditional" Baluns will work with HD-TVI but the distance performance may be limited, this is because the Baluns that have been around for years were actually designed for traditional analogue cameras and have a restricted bandwidth.

CAB050

CAB080

CAB100

BAL106

The signal from a TVI camera has a bandwidth of 9-10 times that of an old analogue CCTV camera and therefore "Quality" baluns are recommend. Better quality higher bandwidth baluns will work better in terms of distance performances. We state the distances on our website of what our baluns will work with on our TVI cameras. Look for the phrase "TVI distance"

Please Note

These "Technical Tips" help sheets aim to answer commonly asked questions in a concise and informative manner - they are for advice & guidance only and do not replace any of the manuals or other literature supplied with our products.

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