

**Question: How can I get more from my CCTV cables?**

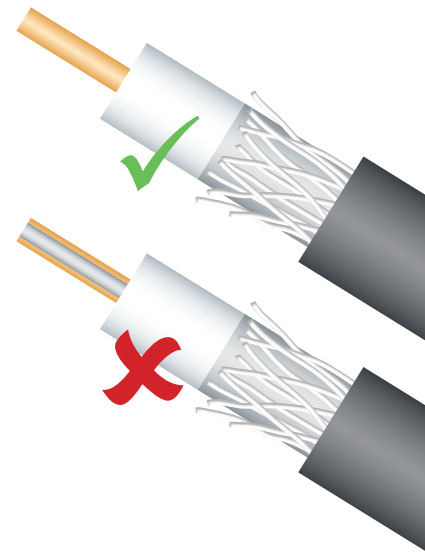
**Answer:** It's important to use good quality cable in your CCTV installation to ensure the best possible connection. Here are 8 ways to ensure you're using quality cable.

**1 Only Use Cable With A Solid Copper Core**

Copper is great conductor. Therefore, cable with a solid copper core, such as our 'antihum' branded cable, produces great results.

To cut costs some manufacturers use cheaper metals like aluminium and steel then coat them in a thin copper layer.

These CCA (Copper Clad Aluminium) or CCS (Copper Clad Steel) cables have poor conductivity. In a lot of cases the performance is so poor the cable simply isn't good enough to do the job.

**2 Check The Shielding**

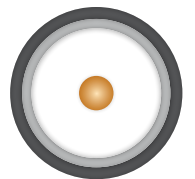
Good quality cable will have both wire braids and a foil sheath to protect against interference.

A lot of lower quality cable doesn't have a foil sheath and the wire braiding will be sparse. This lower quality cable offers little protection against interference resulting in a poor, grainy image.

**3 Is The Core Centred?**

The copper core should run straight through the centre of the cable, not off to one side.

In multi-core cables such as shotgun cables the jacket should be an even thickness around the outside.

**4 Look For Cable Supplied On Wooden Reels**

Cardboard reels are easily damaged during transportation and can easily get wet and soggy if left outside.

Cable supplied on wooden reels is more economical in the long run as you don't end up throwing lengths away when it comes unravelled and tangled.

This CCTV installation tip is aimed at helping you to install CCTV equipment. If you are looking for answers on "how to fit CCTV" or perhaps "how to network a DVR or NVR" or even "how to get CCTV on your mobile phone" why not check out our full range of CCTV installation tips at: [www.systemq.com](http://www.systemq.com)

*How to guides 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.*

## 5 Is The Manufacturer Well Known?

Larger manufacturers have more to lose if they start supplying poor, inadequate cable.

## 6 Does The Manufacturer Have Any Accreditations?

If a manufacturer has worked hard to achieve accreditations such as an ISO it usually shows they care about the quality of the products and service they provide.

## 7 Only Use Manufacturers You Can Trust

Only buy your cable from manufacturers you can trust and rely on.

If you order 500m of cable to be delivered to site tomorrow and it doesn't turn up you're in trouble. Without it you can't complete the work your customer is expecting.

This could result in jobs being lost and your reputation being damaged.

## 8 Look For The Manufacturers Name On The Cable

Manufacturers of high quality cable will print their name on the jacket. This is so that people know who produced it and what brand to look for next time they're buying cable. This increases the company's reputation as a quality manufacturer.

In the same way manufacturers of low quality cable won't display their name as they don't want to be linked to inferior products.

At System Q. we are proud of the quality of our cable and that is why you will find the 'antihum' brand printed on every one.

Composite cable  
Product Code: CAB050



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