

Digits



Digital broadcasting is history

Everything takes time to get through the system



Digital broadcasting doesn't work

The system is riddled with errors



Digital broadcasting is too fat

It takes up more space than analogue



**Digital broadcasting is
brilliant as long as ...**

The errors are corrected

The data is compressed



Digital errors are only ever ...

A bit is missing

A 1 is mistaken for a 0

A 0 is mistaken for a 1



Digital compression is either...

Lossless

or

Lossy





To compress a balloon into a smaller space, untie the neck and let the air out.

Reinflate (and tie up the neck) to get back the balloon as good as new.

This is LOSSLESS compression



To compress a balloon into a smaller space, prick it with a pin.

Reinflation NOT possible but the bits of balloon still look a little like a balloon

This is LOSSY compression



To AGAIN compress that balloon into a smaller space, cut off the shredded rubber.

Reinflation or repair NOT possible but the wee bit of the balloon still looks a little like a balloon

This is CONCATENATED LOSSY compression

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brilliant as long as ...**

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The data is compressed



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