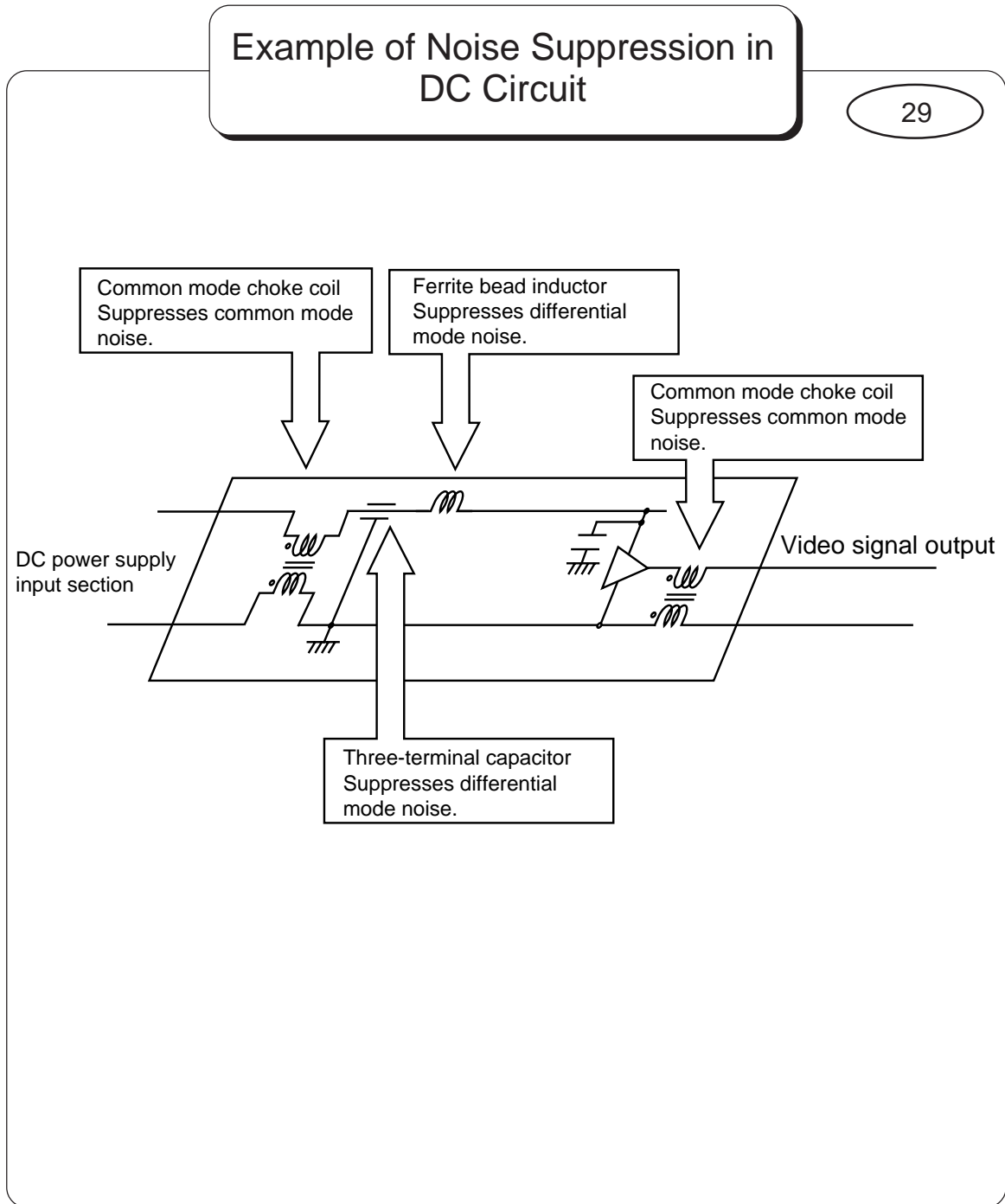


4. Other Filters

4.3. Example of Noise Suppression by using Common mode Choke Coils



The above drawing shows an example of noise suppression in the DC circuit.

[Notes]

DC power supply input section

A common mode choke coil is installed in the input section of the DC power supply line to suppress common mode noise. (This coil can be replaced with two ferrite bead inductors.)

Differential mode noise is suppressed by installing a three-terminal capacitor and ferrite bead inductor in the supply line.

Video signal output section

Common mode noise transmitted to the video signal output section is suppressed by using a common mode choke coil.