



FIGURE 14: Placement of cable EMI suppression at the EMI source and at an I/O boundary

### Choice Of Material(材料的選擇)

For EMI suppression applications, Gausstek offers unique ferrite materials with three distinguishing parameters:

- . Operating frequency of maximum impedance
- . Frequency selectivity or broadness of maximum impedance versus frequency
- . Volume resistivity

EMI filtering applications are seldom narrowband; applications usually require noise attenuation and hence a large lossy impedance over a broad range of frequencies.

對電磁波干擾抑制應用, 豐晶科技提供的鐵氧磁體材料具有三種獨特的特色:

- 最大阻抗的操作頻率
- 頻率選擇性的阻抗或寬頻帶的高阻抗
- 多樣的電阻率

電磁波干擾的濾波應用很少是窄頻帶的, 通常應用需要降低雜訊及在一寬頻帶內具有一大的損耗阻抗。