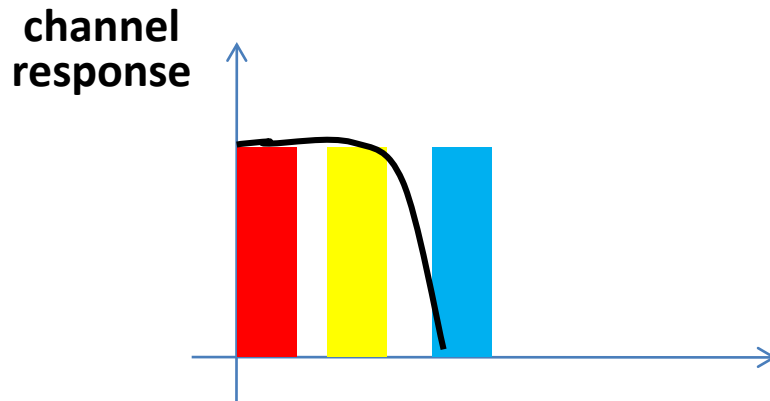


Design of a hypothetical (optical) transmission system



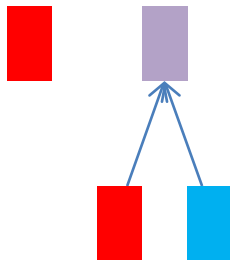
input

0 **1**

design 1:



design 2:



0

1

output



Frequency spectrum of a signal

Sketch the frequency spectrum of the following signal.

Remember that the ratio of amplitudes of different frequency components is reflected in the frequency spectrum.

