

**Cascaded Gain & Noise Figure Calculation for "System Noise Figure":  
(In Linear, not Log Terms)**

$$NF_{sys} = NF_1 + NF_2 \cdot 1/G_1 + NF_3 \cdot 1/G_1 G_2 + NF_4 \cdot 1/G_1 G_2 G_3 + \dots$$

**\*Note that both "NF" and "G" are linear units.**