

Example:

Givens: Data-rate = 12Gb/s (NRZ)

Ro=400 .c.,
$$C_P = 50PF$$

Rs=1k. R .

Assume: Reaking = 10 dB. (Torget)

 $R_P = \frac{2}{3} f_N$

For $R_P = \frac{2}{3} f_N$:

 $W_P = \frac{2}{3} \times 2 \text{ if } \times 6 = 8 \text{ if } G$ rad/s

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