

V _{in}	V _{out}	R _{out}	I _{out}	P _{out}	P _{in}	Eff
	3.32	1k		11mW	18.7mW	59%
175	3.32	500		22mW	35.5mW	62%
	3.28	200		54mW	78.8mW	68%
	3.32	2k		5.5mW	10.2mW	54%
10V	3.33	2k		5.5mW	8.8mW	63%
	3.29	200		54mW	73mW	74%
35	3.29V	200		54mW	81.6mW	66%
	3.32	2k		5.5mW	10mW	55%

Worst high Voltage low load
Best low Voltage high load

1KHz through 1 channel
Full isolation
10mW Conversion $\approx 54\%$
5.4mW for RS-232 - ISO - RS232
 $\frac{5.4}{2}$
2.9mW Per Side of isolation

$$\begin{array}{r} 56nS \\ 16pF \\ 100nS \\ 82 \\ 16 \\ \hline 98pF \end{array}$$

$$C_{por} = \frac{98pF}{\left(\frac{100n}{56n}\right)^2 - 1} = 45pF$$

$$L_{por} = \frac{56n^2}{45p \cdot 4\pi^2} = 1.76\mu H$$

$$R_{snubber} = \sqrt{\frac{1.76\mu}{45p}} = 200$$