

Thermopad® Temperature Shift Reference Chart

(Attenuation Shift in dB per 10°C)

		TCA* dB/dB/ °C	Attenuation at 25°C									
			1 dB	2 dB	3 dB	4 dB	5 dB	6 dB	7 dB	8 dB	9 dB	10 dB
Negative Temperature Compensation	-0.003	-0.03	-0.06	-0.09	-0.12	-0.15	-0.18	-0.21	-0.24	-0.27	-0.30	
	-0.004	-0.04	-0.08	-0.12	-0.16	-0.20	-0.24	-0.28	-0.32	-0.36	-0.40	
	-0.005	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50	
	-0.006	-0.06	-0.12	-0.18	-0.24	-0.30	-0.36	-0.42	-0.48	-0.54	-0.60	
	-0.007	-0.07	-0.14	-0.21	-0.28	-0.35	-0.42	-0.49	-0.56	-0.63	-0.70	
	-0.009	-0.09	-0.18	-0.27	-0.36	-0.45	-0.54	-0.63	-0.72	-0.81	-0.90	
Positive Temperature Compensation	0.003	0.03	0.06	0.09	0.12	0.15	0.18	For configurations not listed please contact our Sales Department at info.us@smithsinterconnect.com .				
	0.005	0.05	0.10	0.15	0.20	0.25	0.30					
	0.006	0.06	0.12	0.18	0.24	0.30	0.36					
	0.007	0.07	0.14	0.21	0.28	0.35	0.42					
	0.008	0.08	0.16	0.24	0.32	0.40	0.48					
	0.009	0.09	0.18	0.27	0.36	0.45	0.54					