Dielectric Constant(Dk) / Dissipation factor (Df) Table

Core Data

Constructions	Resin Content %	Thickness (inch)	Thickness (mm)	Dielectric Constant (DK)/ Dissipation Factor (DF)					
				100 MHz	500 MHz	1 GHz	2 GHz	5 GHz	10 GHz
1x 106	71.00%	0.0019	0.048	4.03 0.0160	3.99 0.0170	3.95 0.0190	3.91 0.0200	3.86 0.0220	3.81 0.0220
1x 1067	76.00%	0.0029	0.074	3.95 0.0160	3.91 0.0170	3.87 0.0190	3.83 0.0200	3.78 0.0220	3.73 0.0220
1x 1080	67.00%	0.0033	0.084	4.09 0.0150	4.05 0.0160	4.01 0.0180	3.97 0.0190	3.92 0.0210	3.87 0.0210
2x 106	71.00%	0.0038	0.097	4.03 0.0160	3.99 0.0170	3.95 0.0190	3.91 0.0200	3.86 0.0220	3.81 0.0220
1x 1080	72.00%	0.004	0.102	4.01 0.0160	3.97 0.0170	3.93 0.0190	3.89 0.0200	3.84 0.0220	3.79 0.0220
1x 2113	60.00%	0.0044	0.112	4.21 0.0140	4.17 0.0150	4.13 0.0170	4.09 0.0180	4.04 0.0200	3.99 0.0200
1x 1080	76.00%	0.0045	0.114	3.95 0.0160	3.91 0.0170	3.87 0.0190	3.83 0.0200	3.78 0.0220	3.73 0.0220
2x 106	74.00%	0.0046	0.117	3.98 0.0160	3.94 0.0170	3.90 0.0190	3.86 0.0200	3.81 0.0220	3.76 0.0220
1x 2116	57.00%	0.005	0.127	4.27 0.0140	4.23 0.0150	4.19 0.0170	4.15 0.0180	4.10 0.0200	4.05 0.0200

Prepreg Dielectric Constant(Dk) / Dissipation factor (Df) Table

Prepreg Data

Construction	Resin Content %	Thickness (inch)	Thickness (mm)	Dielectric Constant (DK)/ Dissipation Factor (DF)					
				100 MHz	500 MHz	1 GHz	2 GHz	5 GHz	10 GHz

370HR Ultra

Industry Leading, Very Low CTE, Epoxy Laminate and Prepreg

Revision No: A | October 21, 2026

NOTE

Revisions:
A - Original - 10/20

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