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

Core Data

Thickness (inch)	Thickness (mm)	Dielectric Constant (DK)/ Dissipation Factor (DF)				
		2 GHz	5 GHz	10 GHz	15 GHz	20 GHz
0.005	0.127	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028
0.010	0.254	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028
0.020	0.508	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028
0.030	0.762	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028
0.040	1.016	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028
0.060	1.524	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028	3.38 0.0028
0.005	0.127	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030
0.0066	0.168	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030
0.010	0.254	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030
0.020	0.508	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030
0.030	0.762	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030
0.060	1.524	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030	3.45 0.0030
0.005	0.127	3.60 0.0032	3.60 0.0032	3.60 0.0032	3.60 0.0032	3.60 0.0032
0.010	0.254	3.60 0.0032	3.60 0.0032	3.60 0.0032	3.60 0.0032	3.60 0.0032
0.020	0.508	3.60 0.0032	3.60 0.0032	3.60 0.0032	3.60 0.0032	3.60 0.0032
0.010	0.254	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033
0.0133	0.338	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033
0.020	0.508	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033
0.030	0.762	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033	3.75 0.0033

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

Prepreg Data

Glass Style	Resin content %	Thickness (inch)	Thickness (mm)	Dielectric Constant (DK)/ Dissipation Factor (DF)			
				2 GHz	5 GHz	10 GHz	20 GHz

I-Tera® MT40 (RF/MW)

Very Low-Loss Laminate

Revision No: B | February 1, 2025

NOTE

Revisions:
A-Original Release - 4/17
B-Added 10 mil 3.60 Dk and 30 mil 3.45 Dk - 2/20

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