

Based Material Line Up

Autolad3G/ Autolad3GB

1. CORE (C-STAGE)

Thickness		ply-up	RC (%)	Dk				Df			
mm	mil			1 GHz	3 GHz	5 GHz	10 GHz	1 GHz	3 GHz	5 GHz	10 GHz
0.051	2.00	1×106	73	3.72	3.70	3.69	3.64	0.012	0.014	0.014	0.015
0.051	2.00	1×1067	67	3.83	3.81	3.79	3.74	0.012	0.013	0.014	0.014
0.058	2.30	1×1067	71	3.75	3.73	3.72	3.67	0.012	0.014	0.014	0.014
0.064	2.50	1×1067	73	3.72	3.70	3.69	3.64	0.012	0.014	0.014	0.015
0.064	2.50	1×1078	61	3.95	3.93	3.91	3.86	0.011	0.013	0.013	0.013
0.076	3.00	1×1080	65	3.87	3.85	3.83	3.78	0.012	0.013	0.014	0.014
0.076	3.00	1×1078	65	3.87	3.85	3.83	3.78	0.012	0.013	0.014	0.014
0.076	3.00	1×1086	62	3.93	3.91	3.89	3.84	0.012	0.013	0.013	0.014
0.089	3.50	1×3313	53	4.12	4.08	4.04	4.00	0.010	0.012	0.012	0.013
0.102	4.00	1×3313	58	4.01	3.99	3.97	3.92	0.011	0.012	0.012	0.013
0.102	4.00	2×106	73	3.72	3.70	3.69	3.64	0.012	0.014	0.014	0.015
0.114	4.50	1×2116	53	4.12	4.08	4.04	4.00	0.010	0.012	0.012	0.013
0.127	5.00	1×2116	57	4.03	4.01	3.99	3.94	0.011	0.012	0.012	0.013
0.152	6.00	1×1506	46	4.26	4.26	4.22	4.20	0.009	0.011	0.011	0.012
0.152	6.00	2×1080	65	3.87	3.85	3.83	3.78	0.012	0.013	0.014	0.014
0.178	7.00	1×7628	42	4.36	4.34	4.32	4.30	0.009	0.011	0.011	0.011
0.178	7.00	2×3313	53	4.12	4.08	4.04	4.00	0.010	0.012	0.012	0.013
0.203	8.00	1×7628	47	4.24	4.23	4.20	4.18	0.010	0.011	0.011	0.012
0.203	8.00	2×3313	58	4.01	3.99	3.97	3.92	0.011	0.012	0.012	0.013
0.229	9.00	2×2116	53	4.12	4.08	4.04	4.00	0.010	0.012	0.012	0.013
0.254	10.00	2×2116	57	4.03	4.01	3.99	3.94	0.011	0.012	0.012	0.013
0.305	12.00	2×1506	46	4.26	4.26	4.22	4.20	0.009	0.011	0.011	0.012
0.305	12.00	3×3313	58	4.01	3.99	3.97	3.92	0.011	0.012	0.012	0.013
0.356	14.00	2×7628	42	4.36	4.34	4.32	4.30	0.009	0.011	0.011	0.011
0.381	15.00	3×2116	57	4.03	4.01	3.99	3.94	0.011	0.012	0.012	0.013
0.406	16.00	2×7628	47	4.24	4.23	4.20	4.18	0.010	0.011	0.011	0.012
0.457	18.00	7628+1080+7628	48	4.22	4.21	4.18	4.16	0.010	0.011	0.011	0.012
0.457	18.00	4×2116	53	4.12	4.08	4.04	4.00	0.010	0.012	0.012	0.013

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	67	0.081	3.20	3.83	3.81	3.79	3.74	0.012	0.013	0.014	0.014
	69	0.086	3.40	3.78	3.77	3.75	3.70	0.012	0.014	0.014	0.014
	72	0.097	3.80	3.73	3.71	3.70	3.66	0.012	0.014	0.014	0.015
	75	0.109	4.30	3.68	3.67	3.65	3.61	0.012	0.014	0.015	0.015
	53	0.089	3.50	4.12	4.08	4.04	4.00	0.010	0.012	0.012	0.013

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