

SYNAMIC 6 - THIN CORE SPECIFICATIONS

GLASS STYLES	RESIN CONTENT %	THICKNESS MILS	THICKNESS MCRONS	DK 1GHZ	DK 2 GHZ	DK 5 GHZ	DK 10 GHZ	DK 15 GHZ	DK 20 GHZ	DF 1 GHZ	DF 2 GHZ	DF 5 GHZ	DF 10 GHZ	DF 15 GHZ	DF 20 GHZ
1037	71.0	2.00	50.8	2.97	2.97	2.97	2.97	2.97	2.97	0.0032	0.0036	0.0037	0.0039	0.0040	0.0042
1067	63.0	2.00	50.8	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
1037	76.0	2.50	63.5	2.86	2.86	2.86	2.86	2.85	2.85	0.0029	0.0033	0.0035	0.0037	0.0038	0.0040
1067	69.0	2.50	63.5	3.02	3.02	3.02	3.02	3.01	3.01	0.0033	0.0037	0.0038	0.0040	0.0041	0.0043
1078	63.0	3.00	76.2	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
1080	63.0	3.00	76.2	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
1078	68.0	3.50	88.9	3.04	3.04	3.04	3.04	3.04	3.04	0.0033	0.0037	0.0038	0.0040	0.0042	0.0043
1080	68.0	3.50	88.9	3.04	3.04	3.04	3.04	3.04	3.04	0.0033	0.0037	0.0038	0.0040	0.0042	0.0043
2 X 106	66.0	3.50	88.9	3.09	3.09	3.09	3.09	3.09	3.09	0.0035	0.0038	0.0039	0.0041	0.0042	0.0044
1037	67.0	3.50	88.9	3.07	3.07	3.07	3.07	3.06	3.06	0.0034	0.0038	0.0039	0.0041	0.0042	0.0044
3313	55.0	4.00	101.6	3.38	3.38	3.38	3.38	3.38	3.37	0.0040	0.0043	0.0044	0.0046	0.0047	0.0048
3313	59.0	4.50	114.3	3.27	3.27	3.27	3.27	3.27	3.27	0.0038	0.0041	0.0043	0.0044	0.0045	0.0047
2 X 2116	54.0	5.00	127.0	3.41	3.41	3.41	3.41	3.40	3.40	0.0041	0.0044	0.0045	0.0046	0.0047	0.0049
2 X 1067	69.0	5.00	127.0	3.02	3.02	3.02	3.02	3.01	3.01	0.0033	0.0037	0.0038	0.0040	0.0041	0.0043
2 X 2116	58.0	5.50	139.7	3.30	3.30	3.30	3.30	3.29	3.29	0.0039	0.0042	0.0043	0.0045	0.0046	0.0047
2 x 1078	63.0	6.00	152.4	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
2 x 1080	63.0	6.00	152.4	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
2 X 1078	68.0	7.00	177.8	3.04	3.04	3.04	3.04	3.04	3.04	0.0033	0.0037	0.0038	0.0040	0.0042	0.0043
2 X 1080	68.0	7.00	177.8	3.04	3.04	3.04	3.04	3.04	3.04	0.0033	0.0037	0.0038	0.0040	0.0042	0.0043
2 X 3313	55.0	8.00	203.2	3.38	3.38	3.38	3.38	3.38	3.37	0.0040	0.0043	0.0044	0.0046	0.0047	0.0048
2 X 2116	54.0	10.00	254.0	3.41	3.41	3.41	3.41	3.40	3.40	0.0041	0.0044	0.0045	0.0046	0.0047	0.0049
3 X 3313	55.0	12.00	304.8	3.38	3.38	3.38	3.38	3.38	3.37	0.0040	0.0043	0.0044	0.0046	0.0047	0.0048
4 X 3313	55.0	16.00	406.4	3.38	3.38	3.38	3.38	3.38	3.37	0.0040	0.0043	0.0044	0.0046	0.0047	0.0048
4 X 2116	54.0	20.00	508.0	3.41	3.41	3.41	3.41	3.40	3.40	0.0041	0.0044	0.0045	0.0046	0.0047	0.0049

SYNAMIC 6B - PREPREG SPECIFICATIONS

GLASS STYLES	RESIN CONTENT %	THICKNESS MICRONS	THICKNESS MILS	DK 1GHZ	DK 2 GHZ	DK 5 GHZ	DK 10 GHZ	DK 15 GHZ	DK 20 GHZ	DF 1 GHZ	DF 2 GHZ	DF 5 GHZ	DF 10 GHZ	DF 15 GHZ	DF 20 GHZ
1037	71.0	2.00	50.8	2.97	2.97	2.97	2.97	2.97	2.97	0.0032	0.0036	0.0037	0.0039	0.0040	0.0042
1067	63.0	2.00	50.8	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
1037	76.0	2.50	63.5	2.86	2.86	2.86	2.86	2.85	2.85	0.0029	0.0033	0.0035	0.0037	0.0038	0.0040
1067	69.0	2.50	63.5	3.02	3.02	3.02	3.02	3.01	3.01	0.0033	0.0037	0.0038	0.0040	0.0041	0.0043
1078	63.0	3.00	76.2	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
1080	63.0	3.00	76.2	3.17	3.17	3.17	3.17	3.16	3.16	0.0036	0.0040	0.0041	0.0042	0.0044	0.0045
1078	68.0	3.50	88.9	3.04	3.04	3.04	3.04	3.04	3.04	0.0033	0.0037	0.0038	0.0040	0.0042	0.0043
1080	68.0	3.60	91.4	3.04	3.04	3.04	3.04	3.04	3.04	0.0033	0.0037	0.0038	0.0040	0.0042	0.0043
3313	55.0	4.00	101.6	3.38	3.38	3.38	3.38	3.38	3.37	0.0040	0.0043	0.0044	0.0046	0.0047	0.0048
3313	59.0	4.50	114.3	3.27	3.27	3.27	3.27	3.27	3.27	0.0038	0.0041	0.0043	0.0044	0.0045	0.0047
2116	54.0	5.00	127.0	3.41	3.41	3.41	3.41	3.40	3.40	0.0041	0.0044	0.0045	0.0046	0.0047	0.0049
2116	58.0	5.60	142.2	3.30	3.30	3.30	3.30	3.29	3.29	0.0039	0.0042	0.0043	0.0045	0.0046	0.0047