

N9000 - RF / Microwave Laminate Cross Reference Chart

Dielectric Constant >3.00

Dielectric Constant Dk@10 GHz.	Supplier	Grade/Name	Construction	Dissipation Factor Df@10 GHz.	CTE (ppm/°C)			MIL-S-13949	IPC-L-125A
					X	Y	Z		
3.00±.07	Neltec	NH9300	P,C,W	0.0023	9	12	71	*	*
3.00±.04	Rogers	RO3003	P,C	0.0013	17	17	24	*	*
3.00±.04	Rogers	Ultralam 1300	P,W	0.0030	9	9	70	*	*
3.00±.05	Taconic	TLE-95	P,C,W	0.0028	9	12	70	*	*
3.00±.05	Taconic	TLC-30	P,C,W	0.0030	9	12	70	*	*
3.00±.05	Neltec	N9300-13RF	P,T,W	0.0040	13	20	67	*	*
3.02±.04	Rogers	RO3203	P,C,W	0.0016	13	13	58	*	*
3.05±.05	GIL**	GML 1000	Polyester	0.0040	40	34	80	*	*
3.05	Polyflon	Copper Clad ULTEM			56	46	56	*	*
3.18±.04	Neltec	NX9318	P,W	0.0024	9	12	71	GX	125/02
3.18±.04	Neltec	NX9318IM	P,W	0.0024	9	12	71	GX	125/02
3.18±.07	Neltec	NH9318	P,C,W	0.0024	9	12	71	*	*
3.20±.10	Arlon	AD320	P,W	0.0030	12	15	95	*	*
3.20±.05	Arlon	AR320	P,W	0.0030	9	12	71	*	*
3.20±.04	Neltec	NX9320	P,W	0.0024	9	12	71	GX	125/02
3.20±.04	Neltec	NX9320IM	P,W	0.0024	9	12	71	GX	125/02
3.20±.07	Neltec	NH9320	P,C,W	0.0024	9	12	71	*	*
3.20±.05	Taconic	TLC-32	P,C,W	0.0030	9	12	70	*	*
3.20±.05	Neltec	N9320-13RF	P,T,W	0.0045	13	20	67	*	*
3.26±.05	GIL**	MC5	Polyester	0.0140	26	26	315	*	*
3.26±.10	Neltec	NH9326	P,C,W	0.0025	9	12	71	*	*
3.27±.016	Rogers	TMM 3	T,C	0.0020	16	16	20	*	*
3.28±.03	Arlon	25N	T,C,W	0.0024	17	17	70	*	*
3.30	Arlon	LNB	T,C,W					*	*
3.37±.03	Arlon	25FR	T,C,W	0.0035	20	20	60	*	*
3.38±.10	Neltec	NH9338	P,C,W	0.0025	9	12	71	*	*
3.38±.05	Rogers	RO4003	T,C,W	0.0022	17	17	24	*	*
3.48±.10	Neltec	NH9348	P,C,W	0.0030	9	12	71	*	*
3.48±.05	Rogers	RO4350	T,C,W	0.0040	17	17	24	*	*
3.50±.05	Neltec	N9350-13RF	P,T,W	0.0055	13	20	67	*	*
3.50±.05	Neltec	N4350-13RF	T,W	0.0065	10	14	70	*	*
3.5±.15	Arlon	AR350	P,C,R	0.0026	35	35	115	*	*
3.50	Taconic	RF-35	P,C,W	0.0025	19	24	64	*	*
3.80±.05	Neltec	N4380-13RF	T,W	0.0070	10	14	70	*	*

P = PTFE resin W = Woven glass
 T = Thermoset resin R = Random glass weave
 C = Ceramic filler

*Metclad is now part of Neltec. If you have a Metclad part number, please contact the Neltec offices for the new Neltec part number.

** GIL is no longer in business