



ДИСКРЕТНЫЕ ФАЗОВРАЩАТЕЛИ (кристаллы)

Parameter Type	Frequency (GHz)	Digit (bit)	Insertion loss (dB)	RMS error (°)	VSWR _{in}	VSWR _{out}	Amplitude variation	Control voltage (V)
NC1220C-112	1-1.2	6	4.8*	1*	1.3*	1.4*	±0.15*	0/-5
NC1254C-112	1-1.2	8	6*	1*	1.3*	1.5*	±0.3*	0/-5
NC1252C-1214	1.2-1.4	6	4.8*	1*	1.4*	1.4*	±0.2*	0/-5
NC1213C-1518	1.5-1.8	8	6*	1*	1.5*	1.5*	±0.4*	0/-5
NC1255C-2023	2-2.3	2	≤3	≤1.5	≤1.4	≤1.4	±0.3*	0/-5
NC12106C-225SD	2-2.5	6	4.5*	2*	1.5*	1.5*	±0.5*	SD TTL
NC1224C-225A	2-2.5	6	≤5.5	≤2.5	≤1.7	≤1.7	±0.5*	0/-5
NC1217C-206	2-6	5	≤11	8*	≤2.5	≤2.3	±1.0*	0/-5
NC1215C-2735	2.7-3.5	6	≤5.8	≤2.5	≤1.7	≤1.7	±0.4*	0/-5
NC1232C-3134	3.1-3.4	6	≤5.6	≤1.5	≤1.5	≤1.4	±0.3*	0/-5
<i>new</i> NC1232C-3134PD	3.1-3.4	6	≤5.5	1.5*	1.5*	1.5*	±0.3	PD TTL
<i>new</i> NC12110C-407	4-7	3	0.3*	-	1.3*	1.3*	±0.2*	-
<i>new</i> NC12109C-414	4-14	3	0.3*	-	1.3*	1.3*	±0.2*	-
NC1289C-4550	4.5-5.0	6	5.5	≤1.2	≤1.6	≤1.6	±0.4	0/-5
<i>new</i> NC1289C-4550PD	4.5-5.0	6	≤5.5	1.2*	1.5*	1.4*	±0.3	PD TTL
NC1238C-506	5-6	5	≤5.8	≤1.5	≤1.3	≤1.4	±0.2*	0/-5
NC1235C-506A	5-6	6	≤6.3	≤2.0	≤1.4	≤1.5	±0.35*	0/-5
NC1268C-506PD	5-6	5	≤5.3	2.0*	≤1.5	≤1.5	±0.35*	PD TTL
NC12103C-506PD	5-6	6	≤6.0	≤2.0	≤1.5	≤1.5	±0.35*	PD TTL
NC1278C-618	6-18	6	≤14	≤6	≤2.3	≤2.3	±1.5*	0/-5



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	NC1278C-618PD	6-18	6	≤14	≤6	≤2.3	≤2.3	±1.5*	PD TTL
	NC1270C-6585	6.5-8.5	6	7.3*	3*	1.7*	1.7*	±0.8*	0/-5
	NC1245C-709	7-9	5	≤8.5	1.5*	1.6*	1.7*	±0.6	0/-5
<i>new</i>	NC12104C-810SD	8-10	5	7*	1*	1.4*	1.4*	±0.4*	SD TTL
	NC1247C-812	8-12	6	8.0*	≤3.5	1.4*	1.6*	±0.5*	0/-5
	NC1286C-812PD	8-12	6	8.5*	2.5*	1.5*	1.5*	±0.7*	PD TTL
	NC1267C-8510	8.5-10	5	7.3*	1.6*	1.3*	1.5*	±0.4*	0/-5
	NC1259C-8510	8.5-10.5	6	7.5*	1.5*	1.3*	1.5*	±0.35*	0/-5
	NC1231C-1215	12-15	6	10*	3*	1.5*	1.5*	±0.5	0/-5
	NC1269C-1418	14-18	1	1.8*	3*	1.3*	1.3*	-	0/-5
	NC1237C-1518	15-18	5	10*	3*	1.5*	1.5*	±0.4*	0/-5
	NC1285C-1923	18.5-23.5	5	≤9	≤3.2	≤2.0	≤2.0	≤1	0/-5
	NC1285C-1923PD	18.5-23.5	5	≤9	≤3.5	≤2.0	≤2.0	≤0.9	PD TTL
	NC1273C-1923	18.5-23.5	6	≤9.5	≤3.0	≤1.9	≤2.0	±0.9*	0/-5
	NC1273C-1923SD	18.5-23.5	6	≤10	3*	1.9*	1.7*	≤1.0*	SD TTL
	NC1273C-1923PD	18.5-23.5	6	≤9.5	≤3.5	≤1.9	≤2.0	±0.9*	PD TTL
	NC1295C-2932	29-32	6	≤11	≤3	≤1.8	≤1.8	±0.6	0/-5
	NC1295C-2932PD	29-32	6	≤11	≤3	≤1.8	≤1.8	±0.6	PD TTL
	NC1272C-3436	34-36	3	2*	-	1.5*	1.3*	±0.1*	0/-5
	NC1253C-3436	34-36	5	8.6*	3*	2*	2*	±0.5*	0/-5
<i>new</i>	NC1290C-4246	42-46	6	≤13.5	3*	≤2.0	≤1.8	±1.0*	0/-5
<i>new</i>	NC1290C-4246SD	42-46	6	≤13.5	3*	≤2.0	≤1.8	±1.0*	SD TTL
<i>new</i>	NC1290C-4246PD	42-46	6	≤13.5	3*	≤2.0	≤1.8	±1.0*	PD TTL

Note: *: Typical specification; PD: Parallel drive; SD: Serial drive; All chips above could be provided by the modality of in packages or modules