



ЦИФРОВЫЕ АТТЕНЮАТОРЫ

Parameter Type	Frequency (GHz)	Digit (bit)	Insertion loss (dB)	Step (dB)	Attenuating range (dB)	Additional phase shift (°)	VSWRin	VSWRout	Control voltage (V)
NC1349C-109	DC-9	1	≤1.0	-	0/25	±45	≤1.5	≤1.5	0/-5
NC1358C-112	DC-12	1	1.2*	-	0/40	±55	≤1.5	≤1.5	0/-5
NC1322C-118	DC-18	1	≤1.6	-	0/16	±7	≤1.3	≤1.3	0/-5
NC1323C-118	DC-18	1	≤1.5	-	0/20	±35	≤1.2	≤1.2	0/-5
NC1348C-118	DC-18	1	≤2.0	-	0/32	±60	≤1.6	≤1.6	0/-5
NC1352C-118	1-18	1	≤0.7	-	0/10	±20	≤1.3	≤1.3	0/-5
NC1361C-1517	15-17	1	≤3	-	0/32	±1.5	≤1.5	≤1.5	0/-5
NC13105C-3040PD	30-40	1	1.6*	-	0/20	-	1.7*	1.7*	TTL
NC13106C-3040PD	30-40	1	2.2*	-	0/30	-	1.8*	1.8*	TTL
NC13112C-1826	18-26	2	2.2*	10	10/20	-	1.6*	1.6*	0/-5
NC1312C-108	DC-8	3	≤1.0	0.8	0.8-5.6	±4	≤1.35	≤1.35	0/-5
NC1363C-112	DC-12	3	≤3.2	10	10-70	-	≤1.8	≤1.8	0/-5
NC1325C-118A	DC-18	3	≤2.8	5	5-35	-	≤1.5	≤1.5	0/-5
NC1333C-108	0.5-8.5	3	≤1.8	3	3-21	±5	≤1.4	≤1.4	0/-5
NC1325C-118PD	0.5-18	3	≤2.8	5	5-35	-	≤1.5	≤1.5	PD TTL
NC1341C-118	0.5-18	3	≤3.5	5	5-35	±5	≤1.5	≤1.6	0/-5
NC13122C-120	1-20	3	0.7*	-	0.25-1.75	-	1.6*	1.6*	0/-5
NC13110C-812	8-12	3	0.55*	0.25	0.25-1.75	±1.5	1.5*	1.5*	0/-5
NC13111C-1218	12-18	3	0.72*	0.25	0.25-1.75	±1.5	1.5*	1.5*	0/-5
NC13121C-2040	20-40	3	4.5*	5	0-35	-	1.6*	1.6*	0/-5
NC1310C-110	DC-10	4	1*	0.3	0.3-4.5	±3	≤1.5	≤1.5	0/-5
NC1326C-118	0.5-18	4	≤1.6	0.25	0.25-3.75	±2.5	≤1.4	≤1.6	0/-5
NC1342C-812	8-12	4	≤2.8	2	2-30	±25	≤1.5	≤1.3	0/-5
NC1380C-2540	25-40	4	≤3	0.5	0.5-7.5	±6	≤1.8	≤1.7	0/-5
NC1396C-3436	34-36	4	1.2*	0.2	0.25-1	±3	1.4*	1.4*	0/-5
NC1367C-123	DC-23	5	≤3.5	0.25	0.25-7.75	±8	≤1.6	≤1.6	0/-5
NC1314C-108A	DC-8	5	≤2.8	1	1-31	±8	≤1.6	≤1.6	0/-5
NC13114C-140PD	DC-40	5	7.5*	1	1-31	0-40	1.8*	1.8*	PD TTL
NC1307C-618	0.5-18	5	3.3*	0.5	0.5-15.5	±3	≤1.6	≤1.6	0/-5

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NC1323C-118	DC-18	1	≤1.5	-	0/20	±35	≤1.2	≤1.2	0/-5
NC1348C-118	DC-18	1	≤2.0	-	0/32	±60	≤1.6	≤1.6	0/-5
NC1352C-118	1-18	1	≤0.7	-	0/10	±20	≤1.3	≤1.3	0/-5
NC1361C-1517	15-17	1	≤3	-	0/32	±1.5	≤1.5	≤1.5	0/-5
NC13105C-3040PD	30-40	1	1.6*	-	0/20	-	1.7*	1.7*	TTL
NC13106C-3040PD	30-40	1	2.2*	-	0/30	-	1.8*	1.8*	TTL
new NC13112C-1826	18-26	2	2.2*	10	10/20	-	1.6*	1.6*	0/-5
NC1312C-108	DC-8	3	≤1.0	0.8	0.8-5.6	±4	≤1.35	≤1.35	0/-5
NC1363C-112	DC-12	3	≤3.2	10	10-70	-	≤1.8	≤1.8	0/-5
NC1325C-118A	DC-18	3	≤2.8	5	5-35	-	≤1.5	≤1.5	0/-5
NC1333C-108	0.5-8.5	3	≤1.8	3	3-21	±5	≤1.4	≤1.4	0/-5
NC1325C-118PD	0.5-18	3	≤2.8	5	5-35	-	≤1.5	≤1.5	PD TTL
new NC1341C-118	0.5-18	3	≤3.5	5	5-35	±5	≤1.5	≤1.6	0/-5
new NC13122C-120	1-20	3	0.7*	-	0.25-1.75	-	1.6*	1.6*	0/-5
NC13110C-812	8-12	3	0.55*	0.25	0.25-1.75	±1.5	1.5*	1.5*	0/-5
NC13111C-1218	12-18	3	0.72*	0.25	0.25-1.75	±1.5	1.5*	1.5*	0/-5
new NC13121C-2040	20-40	3	4.5*	5	0-35	-	1.6*	1.6*	0/-5
NC1310C-110	DC-10	4	1*	0.3	0.3-4.5	±3	≤1.5	≤1.5	0/-5
NC1326C-118	0.5-18	4	≤1.6	0.25	0.25-3.75	±2.5	≤1.4	≤1.6	0/-5
NC1342C-812	8-12	4	≤2.8	2	2-30	±25	≤1.5	≤1.3	0/-5
NC1380C-2540	25-40	4	≤3	0.5	0.5-7.5	±6	≤1.8	≤1.7	0/-5
NC1396C-3436	34-36	4	1.2*	0.2	0.25-1	±3	1.4*	1.4*	0/-5
NC1367C-123	DC-23	5	≤3.5	0.25	0.25-7.75	±8	≤1.6	≤1.6	0/-5
NC1314C-108A	DC-8	5	≤2.8	1	1-31	±8	≤1.6	≤1.6	0/-5
NC13114C-140PD	DC-40	5	7.5*	1	1-31	0-40	1.8*	1.8*	PD TTL
NC1307C-618	0.5-18	5	3.3*	0.5	0.5-15.5	±3	≤1.6	≤1.6	0/-5

ЦИФРОВЫЕ АТТЕНЮАТОРЫ

Parameter Type	Frequency (GHz)	Digit (bit)	Insertion loss (dB)	Step (dB)	Attenuating Range (dB)	Additional phase shift (°)	VSWRin	VSWRout	Control voltage (V)
NC1313C-506	1-10	5	≤1.7	0.5	0.5-15.5	±1.5	≤1.5	≤1.5	0/-5
NC1392C-1218	12-18	5	≤3.5	0.5	0.5-15.5	±5	≤1.5	≤1.6	0/-5
NC1374C-1830	18-30	5	≤3	0.5	0.5-15.5	±10	≤2.0	≤2.0	0/-5
NC13104C-1923	19-23	5	≤3.7	0.5	0.5-15.5	±4	≤1.6	≤1.6	0/-5
NC13104C-1923PD	19-23	5	≤3.7	0.5	0.5-15.5	±4	≤1.7	≤1.6	PD TTL
NC1376C-2428	24-28	5	≤3	0.5	0.5-15.5	±5	≤1.9	≤1.8	0/-5
NC1377C-2540	25-40	5	≤3.5	0.25	0.25-7.75	±6	≤1.8	≤1.7	0/-5
NC1373C-2632	26-32	5	≤3	0.5	0.5-15.5	±5	≤1.8	≤1.8	0/-5
NC1315C-108A	DC-8	6	≤3.2	-0.5	0.5-31.5	±8	1.4	1.4	0/-5
NC1302C-108(K)	DC-8	6	≤4.0	-	1-51	-	≤1.7	≤1.7	0/-5
new NC13131C-108	DC-8	6	≤3.5	0.5	0.5-31.5	-	≤1.5	≤1.5	TTL
NC13115C-140PD	DC-40	6	7.5*	0.5	0-31.5	0-50	1.8*	1.8*	PD TTL
NC13113C-812PD	8-12	6	4.6*	0.5	0.5-31.5	±5	≤1.35	≤1.35	PD TTL
NC1320C-118	0.5-18	6	≤4.5	0.5	0.5-31.5	-	≤1.4	≤1.4	0/-5
NC1324C-618	0.5-18	6	≤5.9	0.5	0.5-31.5	±5.5	≤1.5	≤1.5	0/-5
NC1321C-118	0.5-18	6	≤6.1	1	1-63	-	≤1.4	≤1.4	0/-5
NC13123C-208PD	2-8	6	3.2*	0.5	0-31.5	-	≤1.5	≤1.5	PD TTL
NC1397C-618	6-18	6	5*	0.5	0-31.5	±5	1.5*	1.5*	0/-5
NC1397C-618PD	6-18	6	≤5.2	0.5	0-31.5	±5	1.5*	1.5*	PD TTL
NC1346C-812	8-12	6	≤4.1	0.5	0.5-31.5	±4	≤1.6	≤1.6	0/-5
new NC13130C-812ND	8-12	6	≤5	0.5	0.5-31.5	≤±5	≤1.5	≤1.5	0/-5
NC1370C-1218	12-18	6	≤4.5	0.5	0.5-31.5	±8	≤1.6	≤1.7	0/-5
NC1375C-1923	19-23	6	≤3.5	0.5	0.5-31.5	±10	≤2.0	≤2.0	0/-5
NC1395C-2430	24-30	6	≤3.8	0.5	0.5-31.5	±10	≤1.8	≤1.9	0/-5
NC1399C-2634	26-34	6	≤4.0	0.5	0.5-31.5	±15	≤1.8	≤1.8	0/-5
NC13100C-3240	32-40	6	≤4.3	0.5	0.5-31.5	±15	≤1.7	≤1.8	0/-5

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Parameter Type	Frequency (GHz)	Digit (bit)	Insertion loss (dB)	Step (dB)	Attenuating Range (dB)	Additional phase shift (°)	VSWRin	VSWRout	Control voltage (V)
NC1369C-218	2-18	7	≤4.5	0.125	0.125-15.875	-	≤1.7	≤1.7	0/-5

РЕГУЛИРУЕМЫЕ АТТЕНЮАТОРЫ

Parameter Type	Frequency (GHz)	Insertion loss (dB)	Attenuation range (dB)	Additional phase shift (°)	VSWRin	VSWRout	Control voltage (V)
new NC13103C-104	DC-4	1*	0-23	-	2*	2*	0-5
NC13108C-140	DC-40	2.5*	0-20	-	2*	2*	0/-5
NC1372C-203	2-3	1*	0-30	±15	1.3*	2.5*	0~2
new NC13128C-409	4-9	≤1.8	0-35	-	≤2	≤2	0~2.5
NC1386C-409	4-9	≤1.5	0-35	-	≤2.0	≤2.0	0~2
new NC13102C-608	6-8	2.2*	0-36	-	2.5*	2.5*	0~5
NC1387C-713	7-13	≤1.5	0-40	-	≤1.7	≤1.7	0~2
NC13120C-812	8-12	2.2*	0-25	-	2*	2*	0~2.5
NC1389C-1222	12-22	≤3.0	0-40	-	≤1.8	≤1.8	0~5
NC1391C-2040	20-40	≤4.0	0-40	-	≤2.3	≤2.3	0~5
NC13124C-2550	25-50	4.5*	0-40	-	1.9*	1.6*	0~5

ПОСТОЯННЫЕ АТТЕНЮАТОРЫ

Parameter Type	Frequency range (GHz)	Attenuation level (dB)	VSWRin	VSWRout
NC1338C-120 (A/B/C/D/E/F/G/H/L/K/M/J)	DC-20	11/10/9/6/3/2/0/1/ (0/1/2/3)/(5/6/7/8)/4/5	≤1.3	≤1.3
NC1368C-150 (A/B/C/D/E/F/G/H/K/L/M/ N/NS/P)	DC-50	0/0.2/0.5/1/2/3/5/6/9/10/11/(0/1 /2/3)/ (0/1/2/3)/(5/6/7/8)	≤1.6	≤1.6
NC1388C-167 (A/B/C/D/E/F/G/H/K/L/M/N/P/ Q/S/T/W/TF/X/Y)	DC-67	0/0.5/1/2/3/4/5/6/7/8/9/10/11/1 5/20/(0/1/2/3)/ (5/6/7/8)/25/30/40	≤1.6	≤1.6

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