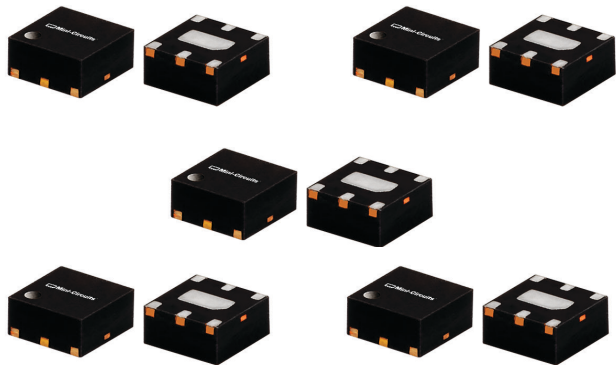




DESIGNER'S KIT K1-QAT+

Fixed Attenuators

50Ω DC to 50 GHz



FEATURES

- 2X2mm QFN Package
- Power Handling up to 2W
- Outstanding Accuracy and Flatness

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K1-QAT+ ELECTRICAL SPECIFICATIONS

(15 models, 5 of each, 75 pcs total)

Model	Frequency (GHz) f_L - f_U	Attenuation (dB) Typ.						VSWR (:1) Typ.						Input Power ¹ (W) Max.
		DC-5 GHz	5-10 GHz	10-20 GHz	20-30 GHz	30-40 GHz	40-50 GHz	DC-5 GHz	5-10 GHz	10-20 GHz	20-30 GHz	30-40 GHz	40-50 GHz	
QAT-0+	DC-50	0.1	0.2	0.3	0.4	0.6	0.9	1.05	1.12	1.18	1.30	1.26	1.39	2
QAT-1+	DC-50	1.0	1.1	1.1	1.3	1.5	1.8	1.08	1.19	1.11	1.16	1.36	1.60	2
QAT-2+	DC-50	2.0	2.1	2.1	2.2	2.3	2.4	1.08	1.18	1.11	1.17	1.28	1.55	2
QAT-3+	DC-50	3.0	3.1	3.1	3.3	3.1	3.0	1.15	1.16	1.17	1.21	1.22	1.37	2
QAT-4+	DC-50	4.0	4.1	4.0	4.1	4.0	3.9	1.13	1.19	1.11	1.16	1.25	1.37	1.7
QAT-5+	DC-50	5.0	5.1	5.1	5.1	5.2	5.4	1.07	1.12	1.08	1.12	1.25	1.40	1.4
QAT-6+	DC-50	6.0	6.1	6.1	6.1	6.2	6.4	1.08	1.18	1.09	1.14	1.29	1.49	1.6
QAT-7+	DC-50	7.0	7.1	7.2	7.2	7.4	7.5	1.07	1.11	1.08	1.15	1.29	1.48	1.3
QAT-8+	DC-50	8.0	8.1	8.1	8.2	8.4	8.6	1.09	1.16	1.08	1.16	1.27	1.48	1.2
QAT-9+	DC-50	9.0	9.1	9.2	9.3	9.4	9.7	1.12	1.14	1.09	1.19	1.32	1.58	1.1
QAT-10+	DC-50	10.1	10.2	10.2	10.3	10.2	10.3	1.13	1.13	1.10	1.20	1.29	1.46	1.7
QAT-12+	DC-50	12.0	12.1	12.2	12.3	12.4	12.5	1.13	1.15	1.09	1.19	1.31	1.50	1.1
QAT-15+	DC-50	15.0	15.1	15.1	15.0	14.9	14.6	1.16	1.20	1.08	1.20	1.27	1.34	1.4
QAT-20+	DC-50	20.1	20.2	20.2	20.2	20.0	19.4	1.12	1.18	1.09	1.16	1.23	1.34	0.8
QAT-30+	DC-50	30.0	30.3	30.6	31.1	31.1	30.6	1.24	1.23	1.10	1.21	1.36	1.52	1

1. RF Power at 25°C case temperature. Check Individual Model Data Sheet for derated power at 85°C and 105°C



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