

FIXED ATTENUATORS

Designer's Kit K3-GAT+

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION!



DC to 8GHz

GAT+ Features

- Wideband, 50Ω
- Input power 0.5W max.
- 0 to 30dB attenuation
- Excellent VSWR, 1.15:1 typ.
- Usable to 10GHz

- MCLP™ (Mini-Circuits Leadless Package)
- Miniature plastic case (L) 3.0 x (W) 3.0 x (H) 0.89 mm



All models are
RoHS compliant

Kit K3-GAT+ Electrical specifications of each model (15 models, 5 of each, 75 total)

Model	Frequency (GHz)	Attenuation (dB)				VSWR (:1)					Input Power ² (W)
		Flatness ¹									
		DC-1GHz	1-5GHz*	5-8GHz		DC-1GHz		1-5GHz*		5-8GHz	
	f _L -f _U	Nom.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	Max.
GAT-0+	DC-8	0±0.2	0.1	0.2	0.2	1.05	1.2	1.15	1.35	1.25	0.5
GAT-1+	DC-8	1±0.2	0.1	0.2	0.2	1.05	1.2	1.15	1.3	1.3	0.5
GAT-2+	DC-8	2±0.2	0.1	0.2	0.2	1.05	1.2	1.15	1.3	1.3	0.5
GAT-3+	DC-8	3±0.3	0.1	0.2	0.2	1.05	1.2	1.15	1.3	1.35	0.5
GAT-4+	DC-8	4±0.3	0.1	0.2	0.2	1.05	1.2	1.15	1.3	1.35	0.5
GAT-5+	DC-8	5±0.3	0.1	0.2	0.2	1.05	1.2	1.15	1.3	1.35	0.5
GAT-6+	DC-8	6±0.3	0.1	0.2	0.3	1.05	1.2	1.15	1.3	1.35	0.5
GAT-7+	DC-8	7±0.3	0.1	0.2	0.3	1.05	1.2	1.15	1.3	1.35	0.5
GAT-8+	DC-8	8±0.4	0.1	0.2	0.3	1.05	1.2	1.15	1.3	1.35	0.5
GAT-9+	DC-8	9±0.4	0.1	0.2	0.3	1.05	1.2	1.15	1.3	1.3	0.5
GAT-10+	DC-8	10±0.4	0.15	0.2	0.3	1.05	1.2	1.15	1.3	1.3	0.5
GAT-12+	DC-8	12±0.4	0.15	0.2	0.3	1.05	1.2	1.15	1.3	1.3	0.5
GAT-15+	DC-8	15±0.4	0.15	0.3	0.3	1.05	1.2	1.15	1.3	1.35	0.5
GAT-20+	DC-8	20±0.4	0.15	0.2	0.2	1.05	1.2	1.15	1.3	1.35	0.5
GAT-30+	DC-3	30±0.9	0.5	1.2	—	1.05	1.2	1.15	1.3	—	0.5

* 1-3GHz for GAT-30+

1. Flatness=variation overband divided by 2.

2. RF power at 25°C case temperature: 1/2W. Derate linearly to 0.2W at 85°C.



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RF/IF MICROWAVE COMPONENTS

REV. OR
M105150
K3-GAT+