

FIXED ATTENUATORS

Designer's Kit K1-HAT+

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



DC to 2 GHz

HAT+ Features

- Wideband, 50 Ω
- Input power up to 1 W Max.
- 3, 6, 10, 20, 30 dB precision attenuation
- Excellent VSWR, 1.10:1 typ.
- Excellent flatness, 0.15 dB typ.
- Usable to 4 GHz
- BNC Male and Female connectors
- Length less than 2"



All models are
RoHS compliant

only **\$48⁹⁵** ea. kit (5 models, 1 of each, 5 total)

Kit K1-HAT+ Electrical specifications of each model

Model	Freq. (GHz) f_L - f_U	Attenuation (dB)					VSWR (:1)			Input Power (W) Max.
		Flatness*					DC-0.5 GHz Typ.	DC-1 GHz Typ.	DC-2 GHz Typ.	
		Nom.	Typ.	Typ.	Typ.	Total Band Max.				
HAT-3+	DC -2	3 \pm 0.2	0.05	0.10	0.15	0.25	1.05	1.10	1.10	1.0
HAT-6+	DC -2	6 \pm 0.2	0.05	0.10	0.15	0.25	1.05	1.10	1.10	1.0
HAT-10+	DC -2	10 \pm 0.2	0.05	0.10	0.10	0.25	1.05	1.10	1.10	1.0
HAT-20+	DC -2	20 \pm 0.2	0.05	0.15	0.25	0.40	1.05	1.10	1.15	0.5
HAT-30+	DC -2	30 \pm 0.2	0.30	0.60	0.80	1.30	1.05	1.10	1.15	1.0

* Flatness = variation over band divided by 2.



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RF/IF & MICROWAVE COMPONENTS

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M110332
K1-HAT+