



DESIGNER'S KIT K1-HAT+

Fixed Attenuators

50 Ω DC to 2GHz



FEATURES

- Wideband, 50 Ω
- Input power up to 1W 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"

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K1-HAT+ ELECTRICAL SPECIFICATIONS

(5 models, 1 of each, 5 total)

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