



DESIGNER'S KIT K2-UNAT+

Fixed Attenuators

50Ω DC to 6 GHz



FEATURES

- Wideband, 50Ω
- 1 dB through 30 dB attenuation
- Type-N male & female connectors
- Rugged Unibody construction
- Small size 2.1"
- Very low cost

MINI-CIRCUITS DESIGNER'S KITS
SPEED UP
THE SOLUTION



K2-UNAT+ ELECTRICAL SPECIFICATIONS

(13 models, 1 of each, 13 total)

Model	Frequency (GHz) f_L - f_U	Attenuation ² (dB)					VSWR (:1)					Input Power (W) Max.	
		Flatness ¹					DC-3 GHz			3-4.5 GHz			4.5-6 GHz
		DC-3 GHz	3-4.5 GHz	4.5-6 GHz	DC-6 GHz	Typ.	Typ.	Max.	Typ.	Max.	Typ.		
UNAT-1+	DC-6	1±0.3	0.20	0.15	0.10	0.45	1.05	1.20	1.10	1.43	1.40	1.0	
UNAT-2+	DC-6	2±0.3	0.20	0.25	0.15	0.50	1.07	1.20	1.22	1.43	1.50	1.0	
UNAT-3+	DC-6	3±0.3	0.20	0.10	0.10	0.35	1.05	1.20	1.22	1.43	1.50	1.0	
UNAT-4+	DC-6	4±0.3	0.15	0.15	0.10	1.40	1.05	1.20	1.10	1.43	1.50	1.0	
UNAT-5+	DC-6	5±0.3	0.15	0.15	0.10	0.35	1.05	1.20	1.10	1.43	1.50	1.0	
UNAT-6+	DC-6	6±0.3	0.15	0.15	0.15	0.40	1.05	1.20	1.20	1.43	1.50	1.0	
UNAT-7+	DC-6	7±0.3	0.10	0.10	0.15	0.20	1.05	1.20	1.10	1.43	1.50	1.0	
UNAT-8+	DC-6	8±0.3	0.10	0.10	0.10	0.10	1.05	1.20	1.10	1.43	1.50	1.0	
UNAT-9+	DC-6	9±0.3	0.15	0.10	0.10	0.15	1.05	1.20	1.10	1.43	1.50	1.0	
UNAT-10+	DC-6	10±0.3	0.10	0.20	0.20	0.40	1.15	1.25	1.20	1.50	1.50	1.0	
UNAT-15+	DC-6	15±0.3	0.20	0.35	0.20	0.60	1.15	1.43	1.20	1.80	1.70	1.0	
UNAT-20+	DC-6	20±0.3	0.45	0.45	0.40	0.75	1.15	1.25	1.20	1.43	1.30	0.5	
UNAT-30+	DC-6	30±0.3	1.20	0.70	0.40	2.30	1.04	1.25	1.07	1.25	1.10	0.5	

1. Flatness = variation over band divided by 2.

2. Attenuation varies by 0.3dB max. over temperature.