



## DESIGNER'S KIT K1-LAT+

# Fixed Attenuators

50Ω DC to 2.5GHz



### FEATURES

- Wideband, 50Ω
- Input power 0.5W max.
- 1 to 20dB attenuation
- Excellent VSWR
- Miniature plastic SOT-143 SMpkg.
- Aqueous washable
- Low cost

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



### K1-LAT+ ELECTRICAL SPECIFICATIONS

(3, 6, 10, 15, 20dB Qty. 4 ea.) (1, 2, 4, 5, 7, 8, 9, 12dB Qty. 2ea.) 36 total

Model	Frequency (GHz) $f_L$ - $f_U$	Attenuation (dB)				VSWR (:1) Max.			Input Power <sup>1</sup> (W) Max.
		Nom.	Flatness Max.			DC-0.5 GHz	DC-1 GHz	DC-2.5 GHz	
			DC-0.5 GHz	DC-1 GHz	DC-2.5 GHz				
LAT-1+	DC-2.5	1±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.5
LAT-2+	DC-2.5	2±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.5
LAT-3+	DC-2.5	3±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.5
LAT-4+	DC-2.5	4±0.3	0.3	0.4	0.7	1.2	1.3	1.5	0.5
LAT-5+	DC-2.5	5±0.3	0.3	0.4	0.7	1.3	1.3	1.5	0.5
LAT-6+	DC-2.5	6±0.3	0.3	0.4	0.7	1.3	1.4	1.5	0.5
LAT-7+	DC-2.5	7±0.3	0.3	0.4	0.7	1.3	1.4	1.5	0.5
LAT-8+	DC-2.5	8±0.4	0.3	0.5	0.8	1.3	1.4	1.5	0.5
LAT-9+	DC-2.5	9±0.4	0.3	0.5	0.8	1.3	1.4	1.5	0.5
LAT-10+	DC-2.5	10±0.5	0.3	0.5	0.8	1.3	1.4	1.5	0.5
LAT-12+	DC-2.5	12±0.8	0.3	0.5	0.8	1.3	1.4	1.6	0.5
LAT-15+	DC-2.5	15±0.8	0.3	0.5	0.9	1.3	1.4	1.6	0.5
LAT-20+	DC-2.5	20±1.5	0.3	0.5	0.9	1.3	1.4	1.6	0.5

<sup>1</sup> RF power at 25°C case temperature: 0.5W. Derate linearly to 0.2W at 85°C.