

# FM-ATT-06-N

## 6dB N-Type Fixed Attenuator

### Features

- Wideband coverage, DC to 6000 MHz
- 1 watt rating
- Rugged unibody construction
- Very low cost

### Applications

- Impedance matching
- Signal level adjustment



### Maximum ratings

<b>Operating temperature</b>	-45°C to 100°C
<b>Storage Temperature</b>	-55°C to 100°C

Permanent damage may occur if any of these limits are exceeded

### Electrical Specifications

Freq. range (MHz)	Attenuation* (dB)					VSWR (:1)					Max. input power (W)
	Flatness**					DC-3 GHz		3-4.5 GHz		4.5-6 GHz	
	Nom.	Typ.	Typ.	Typ.	Typ.	Typ.	Max.	Typ.	Max.	Typ.	
DC-6000	6±0.3	0.15	0.15	0.15	0.40	1.05	1.20	1.20	1.43	1.50	1.0

\*Attenuation varies by 0.3 dB max. over temperature

\*\*Flatness= variation over band divided by 2

### Typical Performance Data

Frequency	Attenuation	VSWR (:1)
10 MHz	5.99 dB	1.00
50 MHz	5.99 dB	1.00
100 MHz	6.02 dB	1.01
500 MHz	6.05 dB	1.03
1000 MHz	6.09 dB	1.04

Frequency	Attenuation	VSWR (:1)
1600 MHz	6.13 dB	1.04
2000 MHz	6.15 dB	1.03
2500 MHz	6.14 dB	1.01
3000 MHz	6.18 dB	1.01
3500 MHz	6.19 dB	1.04

Frequency	Attenuation	VSWR (:1)
4000 MHz	6.18 dB	1.09
4500 MHz	6.15 dB	1.14
5000 MHz	6.16 dB	1.22
5500 MHz	6.19 dB	1.34
6000 MHz	6.38 dB	1.51

