

# Fixed Attenuators Series 081

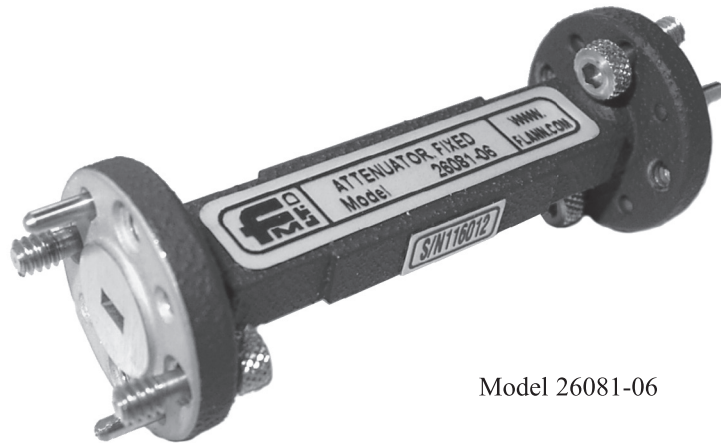
## Features

- Full Waveguide Band
- Low Frequency Sensitivity

The fixed attenuators, Series 081, are low VSWR devices suitable for operating over the full waveguide band.

The absolute attenuation is within  $\pm 10\%$  of nominal value.

Standard models are available in a range of attenuation values from 3 dB to 30 dB. Units with attenuation values of 40 dB and 50 dB are available to special order. Higher attenuation values can also be accommodated details on request.



Model 26081-06

Model	Frequency Range (GHz)	Waveguide			VSWR (better than)		Mean Power (W)	Flange to Flange length (mm)
		WG	R	WR	Models 3 to 25 dB	Models >30 dB		
12081	3.94 - 5.99	15	48	187	1.10	1.20	1.0	229
14081	5.38 - 8.18	14	70	137	1.10	1.20	0.5	280
15081	6.58 - 10.0	15	84	112	1.10	1.20	0.5	180
16081	8.20 - 12.5	16	100	90	1.10	1.20	0.5	130
17081	9.84 - 15.0	17	120	75	1.10	1.20	0.5	120
18081	11.9 - 18.0	18	140	62	1.10	1.20	0.5	120
19081	14.5 - 22.0	19	180	51	1.10	12.0	0.4	110
20081	17.6 - 26.7	20	220	42	1.10	1.20	0.3	76
21081	21.7 - 33.0	21	260	34	1.10	1.20	0.3	76
22081	26.4 - 40.1	22	320	28	1.10	1.20	0.3	70
23081	33.0 - 50.1	23	400	22	1.10	1.20	0.25	70
24081	39.3 - 59.7	24	500	19	1.10	1.20	0.25	70
25081	49.9 - 75.8	25	620	15	1.10	1.20	0.2	60
26081	60.5 - 92.0	26	740	12	1.10	1.20	0.2	50
27081	73.8 - 112	27	900	10	1.10	1.20	0.15	50
28081	92.3 - 140	28	1200	8	1.10	1.20	0.1	50
29081	114 - 173	29	1400	6	1.10	1.20	0.1	40
30081	145 - 220	30	1800	5	1.10	1.20	0.5	40
31081	172 - 261	31	2200	4	1.10	1.20	0.5	40
32081	217 - 330	32	2600	3	1.10	1.20	0.5	50

Standard Attenuation Values	Suffix
3 dB	03
6 dB	06
10 dB	10
20 dB	20
30 dB	30

### ORDERING INFORMATION

Model: attenuation value suffix; description  
Example: Model 26081-06 fixed attenuator

**OTHER ATTENUATION VALUES ARE AVAILABLE TO ORDER**

Series 081

For standard flange types and recommendations see pages 118 onwards