

Fixed Attenuators

Series 081

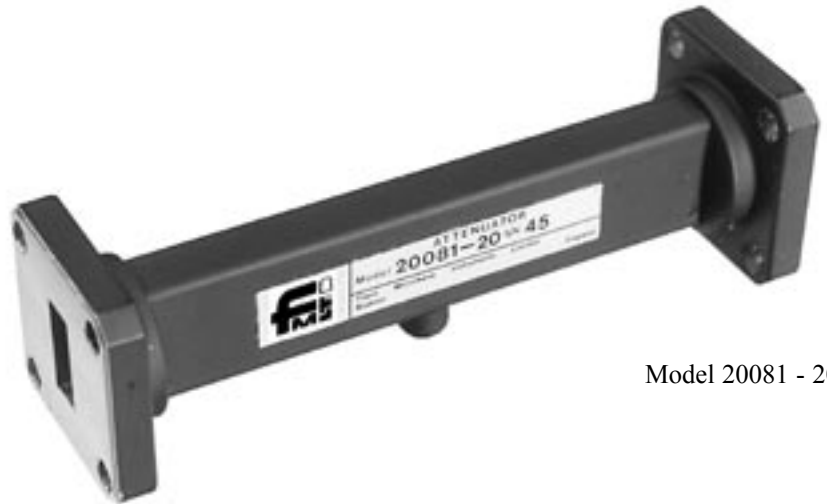
Features

- Full Waveguide Band
- Low Frequency Sensitivity

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

For most models the variation of attenuation with frequency, over the operational frequency range, is typically 10% of the nominal attenuation 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 20081 - 20

Specifications:

Attenuation sensitivity (dB) over the operational frequency range - 10% of nominal attenuation value.

Model	Frequency Range (GHz)	Waveguide			VSWR (better than)	Flange to Flange length (mm)	Model
		WG	R	WR			
12081	3.94 - 5.99	15	48	187	1.10	229	12081
14081	5.38 - 8.18	14	70	137	1.10	280	14081
15081	6.58 - 10.0	15	84	112	1.10	180	15081
16081	8.20 - 12.5	16	100	90	1.10	130	16081
17081	9.84 - 15.0	17	120	75	1.10	120	17081
18081	11.9 - 18.0	18	140	62	1.10	120	18081
19081	14.5 - 22.0	19	180	51	1.10	110	19081
20081	17.6 - 26.7	20	220	42	1.10	76	20081
21081	21.7 - 33.0	21	260	34	1.10	76	21081
22081	26.4 - 40.1	22	320	28	1.10	70	22081
23081	33.0 - 50.1	23	400	22	1.10	70	23081
24081	39.3 - 59.7	24	500	19	1.10	70	24081
25081	49.9 - 75.8	25	620	15	1.10	60	25081
26081	60.5 - 92.0	26	740	12	1.10	50	26081
27081	73.8 - 112	27	900	10	1.10	50	27081
28081	92.3 - 140	28	1200	8	1.10	50	28081

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 24081-06 fixed attenuator

Series 081

For standard flange types and recommendations see pages 108 onwards