

- ◆ Dissipative Attenuation
- ◆ Ideal for Fine Level Adjustment
- ◆ Knob, Screwdriver or Dial Drive
- ◆ Bi-Directional Application
- ◆ 5 Watt Average Power Rating
- ◆ N Connectors Standard



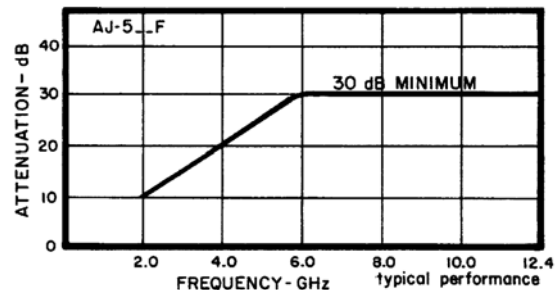
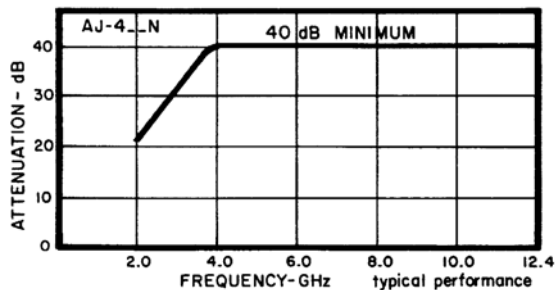
Shown with optional paint

The Microlab AJ series coaxial attenuators are continuously variable, consisting of a dissipative element that is controllably inserted into a transmission line.

The Microlab AJ-40 and AJ-41 series variable attenuators are designed for use up to 12.4 GHz. The AJ-40 series is adjusted by rotating a knob, or by a screwdriver when the knob is removed. The AJ-410 is adjusted by counting dial rotation and can be calibrated at specific frequencies. The units are bi-directional and ruggedly constructed. The AJ-50 is a miniaturized SMA connector version with knob or screwdriver adjustment.

Contact plant for attenuators with special attenuation, VSWR, power rating, other gender connectors, etc. (8/08)

Frequency: 2.0 to 12.4 GHz
 Insertion Loss: 0.5 dB min.
 VSWR, typ: 1.50:1 0-10dB @ 2.0 GHz
 1.50:1 0-25dB @ 4.0 GHz
 1.50:1 0-40dB > 6.0 GHz
 Impedance: 50Ω nominal
 Temperature: -55°C to +125°C
 Housing Finish: Passivated Aluminum



Model Number	Drive Mechanism	Connector	Power		Length in (mm)	Height* in (mm)	Width in (mm)	Weight oz. (g)
			Average	Peak				
AJ-400N	Knob or Screwdriver	N (m-f)	5W	1kW	3.7 (94)	2.6 (66)	0.6 (15)	10 (280)
AJ-410N	Micrometer Dial	N (m-f)	5W	1kW	3.7 (94)	2.6 (66)	0.6 (15)	10 (280)
AJ-50FF	Knob or Screwdriver	SMA (f-f)	2W	1kW	2.5 (64)	1.8 (46)	0.5 (13)	3.0 (84)
AJ-500F	Knob or Screwdriver	SMA (m-f)	2W	1kW	2.5 (64)	1.8 (46)	0.5 (13)	3.0 (84)

*Height of body less knob