



MICROLAB/FXR Fixed Attenuators

AS & AU series

Coaxial Attenuators for Wireless Applications
High Power, N & DIN, DC to 3 GHz

\$ Saver Product Line

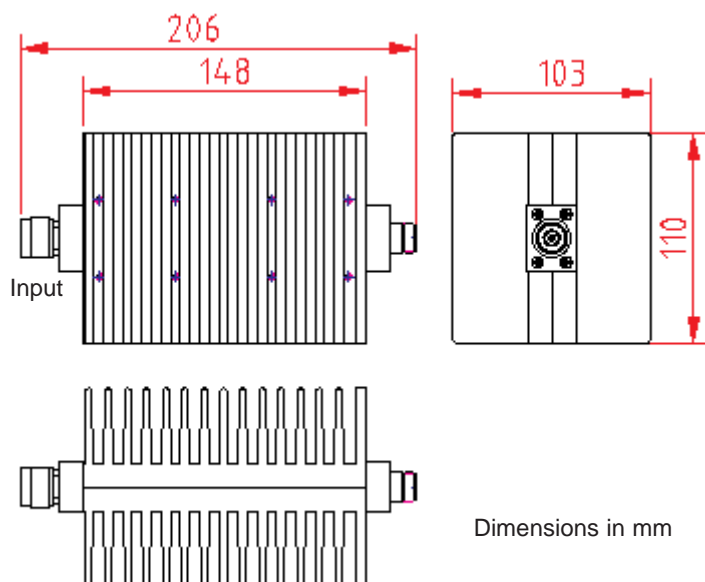
- ◆ Wide Range of Standard Values
- ◆ Integral Matching Structures
- ◆ High Reliability
- ◆ 100/200W Average Power
- ◆ N Connectors standard and 7-16 DIN optional



The Microlab/FXR coaxial attenuators for wireless applications cover DC to 3 GHz frequency range. The AS is rated at a full 100 and the AU at 200 Watts average rating. Powers to 1 kW average and 3 kW peak covering DC to 3 GHz are available to special order.

These attenuators are constructed of resistive elements in a conventional series circuit. They are bi-directional at low powers, but the N-male is the input for high powers. Units are exceptionally rugged, and negligibly affected by normal ambient temperature and humidity changes. All units are available in alternate packages, and in N or 7-16 mm DIN connectors. (2/07-1)

Model Number/Attenuation Value			Average Power	Connector (m-f)	Attenuation Accuracy			VSWR max.
10 dB	20dB	30 dB			10 dB	20 dB	30 dB	
AS-10D	AS-20D	AS-30D	100W	7-16 mm N-Conn	±0.5	±0.75	±1.0	<1.20:1
AS-10N	AS-20N	AS-30N						
AU-10D	AU-20D	AU-30D	200W	7-16 mm N-Conn	±0.5	±0.75	±1.0	<1.20:1
AU-10N	AU-20N	AU-30N						



Frequency Range: DC to 3.0 GHz

Peak Power: 3 kW

Impedance: 50Ω nominal

Temperature:

Operating*: -10° to +50°C

Non Operating: -40° to +70°C

Finish:

Body: Passivated aluminum

Heat Sink: Anodized aluminum

Connectors: Input male
Silver or triplate

*Derate power by -1.5%/°C above 50°C