

## Attenuator Sets

dc to 18.0/26.5 GHz



**Model AS-6**  
(Type N)



**Model AS-18**  
(Precision Type N)



**Model AS-20**  
(3.5mm)

### Features

- /// **Test Data:** Test Data for each attenuator is provided.
- /// **Data furnished:** AS-6 and AS-18, Insertion loss & SWR ports 1 and 2 test data supplied at 0.05, 4.0, 8.0, 12.4 and 18.0 GHz and AS-20, Insertion loss & SWR ports 1 and 2 test data supplied at 0.05, 4.0, 8.0, 12.4, 18.0 and 28.0GHz.
- /// **Wide Temperature Range:** -55 °C to 100 °C. Full rated power to 25 °C. Derated Linearity to 0.5 watts @ 125 °C.
- /// **Uniform Phase Characteristics:** Excellent unit-to-unit tracking and phase linearly with frequency.
- /// **Rugged Construction:** Designed to meet all environmental requirements of MIL-DTL-3933.
- /// **High Repeatability Connectors:**
  - AS-6: Type N per MIL-STD-348
  - AS-18: Precision N per MIL-STD-348
  - AS-20: Precision 3.5mm
- /// **Durable Storage Case.**

### Specifications

Set Model Number	Standard Model Number	Nominal Values (dB)	Frequency Range (GHz)	Average Power (W)	Connector Type	Maximum* SWR	Page No.**
AS-6	2	3, 6, 10, 20	dc-18 GHz	5	N	1.15 - 1.35	36
AS-18	44	1, 3, 6, 10, 20, 30	dc-18 GHz	5	N	1.15 - 1.25	37
AS-20	56	3, 6, 10, 20, 30	dc-26.5 GHz	2	3.5mm	1.10 - 1.25	30

\*Varies with frequency.

\*\*Refer to indicated page for more detailed attenuator specifications.

### STORAGE CASE DIMENSIONS:

- Model AS-6: 136.5mm (5-3/8 in) long x 125.4mm (4-15/16 in) wide x 35.6mm (2-3/16 in) high
- Model AS-18: 215.9mm (8.5 in) long x 273mm (10-3/4 in) wide x 63.5mm (2-1/2 in) high
- Model AS-20: 139.7mm (5-1/2 in) long x 123.8mm (4-7/8 in) wide x 60.3mm (2-3/8 in) high