

Attenuator Sets

dc to 18.0/28.0 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 26.5 GHz.
- /// **Wide Temperature Range:** -55 °C to 125 °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	32
AS-18	44	1, 3, 6, 10, 20, 30	dc-18 GHz	5	N	1.15 - 1.25	33
AS-20	56	3, 6, 10, 20, 30	dc-28 GHz	2	3.5mm	1.10 - 1.25	27

*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