A/AH ATTENUATORS
SMA, up to 23 GHz, 2 Watts

SPECIFICATIONS:
Models: A, AH

RoHS Compliant

Electrical:
- Frequency Range: DC - 23.0 GHz
- Standard Freq. Values: 2.5, 6, 18 & 23 GHz
- Standard dB Values*: 0 - 10, 12, 15, 20 & 30 dB
  (In 1 dB Increments)
- Attenuation Accuracy: DC - 18 GHz: ±0.3 dB; 18 - 23 GHz: ±0.4 dB
- VSWR: DC - 4 GHz: 1.15:1 Max.; 4 - 8 GHz: 1.20:1 Max.;
  12.4 - 18 GHz: 1.35:1 Max.; 18 - 23 GHz: 1.40:1 Max.
- Input Power: 2 Watts Avg. @ 25°C
- Peak Power: 250 Watts Max. (5uSec Pulse, 0.5% Duty Cycle)
- Impedance: 50 Ohms
- Operating Temp Range: -65°C to +125°C

Mechanical:
- SMA Connectors: Passivated Stainless Steel
- Conductors: Gold Plated Beryllium Copper
- Mates with MIL-STD-348
- Gold Plated SMA Connectors
- Conductors: Passivated Stainless Steel
- Gold Plated Beryllium Copper

Standard dB Values:
- 0 dB: ±0.1 dB
- 6 dB: ±0.2 dB
- 12 dB: ±0.3 dB
- 18 dB: ±0.5 dB
- 24 dB: ±0.7 dB
- 30 dB: ±0.8 dB

Ordering Examples:
- Model Number: **18A-20**
  DC - 18 GHz; 20 dB; SMA - Male/Fem; Style A
- Model Number: **18AH-6F**
  DC - 18 GHz; 6 dB; SMA - Fem/Fem; Style AH
- Model Number: **6AH-3M**
  DC - 6 GHz; 3 dB; SMA - Male/Male; Style AH
- Model Number: **23A-30**
  DC - 23 GHz; 30 dB; SMA - Male/Fem; Style A

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
*Other dB values, units that operate over a more specific frequency band and/or offer very low return loss (VSWR); gold plated units and/or connectors optimized for RF leakage also available.

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