

Part No:

HA6A-05



5 dB - Fixed Attenuator SMA Male To SMA Female Up To 6 GHz Rated To 2 Watts With Passivated Stainless Steel Body

The HASCO **HA6A-05** is an RF attenuator that operates from DC to 6 GHz and handles up to 2 Watts (CW). This attenuator is constructed with SMA Male to SMA Female connectors.

The HA6A-05 Attenuator offers 1.20:1 max VSWR.

An attenuator is an electronic device that reduces the power of a signal without appreciably distorting its waveform. Attenuators are a useful building block within RF design where they reduce the signal level while providing an accurate match for the characteristic impedance used. HASCO offers a huge selection of RF and microwave attenuators and can support most requirements, such as SMA, 2.92mm, 2.4mm, 1.85mm, Type N and TNC in addition to many other RF and Microwave coaxial attenuators.

Electrical

| | |
|--------------------|--|
| • Frequency Range | DC - 6 GHz |
| • Attenuation (dB) | 0 ± 0.3 dB 1 - 6 dB ± 0.5 dB 7, 12 & 20 dB ± 0.5 dB 30 dB ± 0.75 dB |
| • VSWR | DC - 2.5 GHz 1.15 2.5 - 6 GHz: 1.20 |
| • Impedance | 50 Ohms |
| • RF Power Nominal | 2 Watts@ 25°C Peak: 200 W |

Environmental Data

| | |
|---------------------|-----------------|
| • Temperature Range | --65°C - +125°C |
|---------------------|-----------------|

Material

| | |
|--------------|--|
| • Housing | Passivated Stainless Steel IAW, ASTM-A484 & ASTM-A582, Alloy 303 Cond A |
| • Contact | Beryllium Copper |
| • Dielectric | High Temperature Plastic Bead |
| • Conductor | Gold Plated IAW MIL-PRF-39012 |

To view online, go to: [5 dB - Fixed Attenuator SMA Male To SMA Female Up To 6 GHz Rated To 2 Watts With Passivated Stainless Steel Body](#)