

Part No:

# HA6A-06



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

The HASCO **HA6A-06** 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-06 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
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### 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: [6 dB - Fixed Attenuator SMA Male To SMA Female Up To 6 GHz Rated To 2 Watts With Passivated Stainless Steel Body](#)