

Part No:


HA18A10WS-dB



10 Watt SMA Male to SMA Female Attenuator - 18 GHz



Features

- RoHS Compliant 

The HASCO HA18A10WS-dB is an SMA Male to Female Attenuator. This type of Attenuator is bidirectional. Attenuators like this HA18A10WS-dB are used to reduce or step down the power level of a signal while maintaining the waveforms integrity. The operating frequency for this model is DC to 18 GHz and is rated for 10 Watts.

| Attenuation Accuracy | | | |
|----------------------|-----------|-----------|----------|
| dB Value | 6 GHz | 12.4 GHz | 18 GHz |
| 3/6 dB | ± 0.5 dB | ± 0.75 dB | ± 1.0 dB |
| 10/20 dB | ± 0.75 dB | ± 0.75 dB | ± 1.0 dB |
| 30 dB | ± 0.8 dB | ± 0.8 dB | ± 1.0 dB |

Electrical

- Impedance 50 Ω
- Frequency Range DC - 18 GHz
- VSWR DC - 4 GHz = 1.20:1 Max
4 - 8 GHz = 1.25:1 Max
8 - 12.4 GHz = 1.30:1 Max
12.4 - 18 GHz = 1.35:1 Max
- Input Power 10 Watts

Mechanical

- Durability 500 Cycles Min

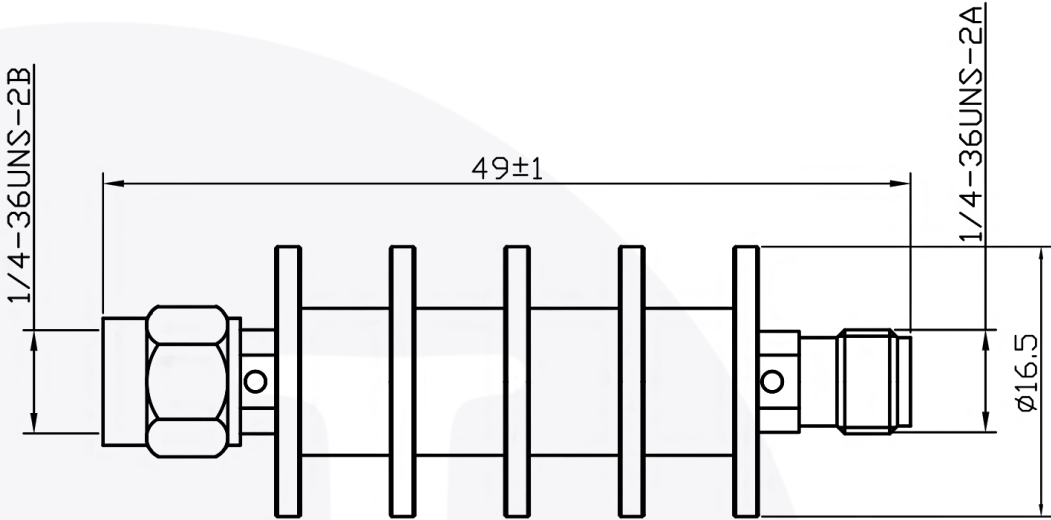
Environmental

- Temperature Range -40°C to 125°C

Material

- Body Passivated Stainless Steel Type 303
- Center Contact Gold Plated BeCu

10 Watt SMA Male to SMA Female Attenuator | DC - 18 GHz | Outline Drawing



| | | | | | |
|-----|-------------|------|-------|--|-----------------|
| LTR | DESCRIPTION | DATE | APPR. | DRAWN BY: NS | REVIEWED BY: JS |
| - | RELEASE | 4/26 | TC | | APPROVED BY: TC |
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|------------------------------|---|---------------|------------|
| MATERIALS: SEE DATA SHEET | CAGE CODE: OT8L4 | SCALE: N/A | SIZE: A |
| FINISHES: SEE DATA SHEET | PART NO./DRAWING NO. HA18A10WS-dB | | REV: - |