

# Precision Coaxial Adapter

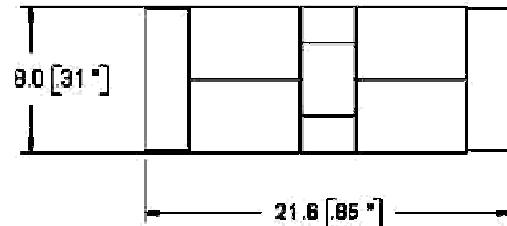
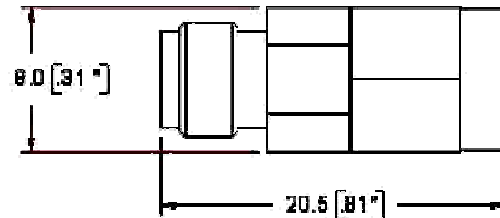
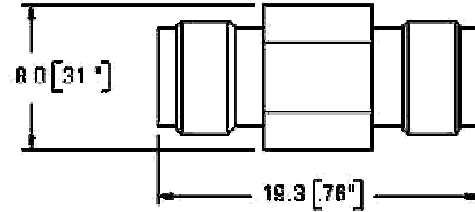
# MODEL WA7003

DC – 33.0 GHz

3.5mm to 3.5mm



## Physical Dimensions:



## Specifications

**Nominal Impedance:** 50 ohms

**Frequency Range:** DC - 33.0 GHz

**Temperature Range:** -55°C to +125°C

**Construction:** Stainless Steel body, gold-plated beryllium copper contacts.

**Connectors:** 3.5mm connectors per MIL-STD-348 interface dimensions mate non-destructively with MIL-PRF-39012 connectors.

**Weight:**

|           |                |
|-----------|----------------|
| WA7003-11 | 3.5g (0.11 oz) |
| WA7003-12 | 4.6g (0.16 oz) |
| WA7003-22 | 5.4g (0.19 oz) |

| Maximum VSWR    |      |
|-----------------|------|
| Frequency (GHz) | VSWR |
| DC - 33.0       | 1.15 |

| Insertion Loss  |               |               |
|-----------------|---------------|---------------|
| Frequency (GHz) | Max. Ins Loss | Repeatability |
| DC - 12.4       | 0.30          | 0.01          |
| 12.4 - 18.0     | 0.40          | 0.02          |
| 18.0 - 33.0     | 0.50          | 0.02          |



## WEINSCHEL ASSOCIATES

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