RF COAXIAL TERMINATION

SMA Male RF Terminator

DC–18 GHz | 50 Ω | 5 W

P/N VST-F-SMA0501-18G

PRODUCT OVERVIEW

A 50 Ω SMA male termination rated at 5 W for operation from DC to 18 GHz, featuring a black-anodized finned aluminum housing.



KEY FEATURES

- 50 Ω matched termination with VSWR ≤1.32:1 through 18 GHz
- 5 W rated power with a finned aluminum housing
- Black-anodized aluminum body and gold-plated RF contact

APPLICATIONS

- Termination of unused RF/microwave ports
- RF component and interconnect testing
- Matched port loads for couplers and circulators

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Range	**DC–18 GHz**
Nominal Impedance	**50 Ω**
VSWR (Max.)	**≤1.32:1 (DC–18 GHz)**
Rated Power	**5 W**
Temperature Range	**–40 °C to +125 °C**
Connector Interface	**SMA Male**

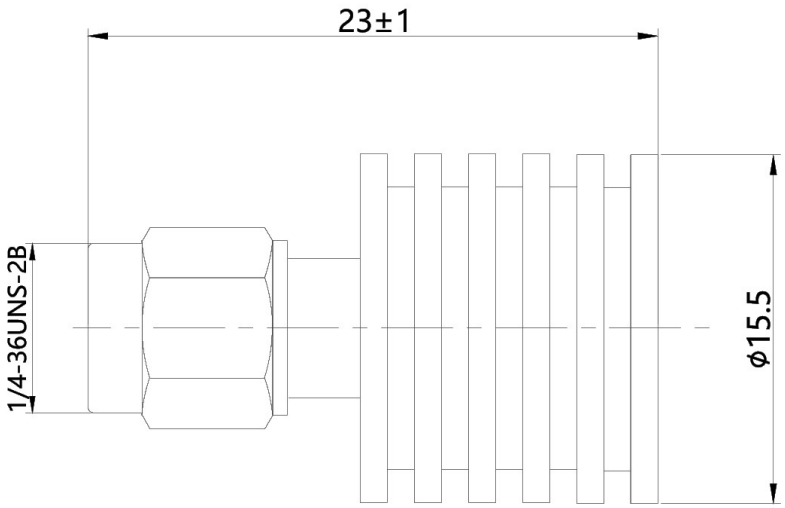
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Mechanical & Material Details

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MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DATA	SPECIFICATION
Overall Length	**23 ± 1 mm**
Overall Diameter	**Ø15.5 mm**
Connector Thread	**1/4-36UNS-2B**

MATERIALS & FINISH	SPECIFICATION
Body	**Aluminum, black anodized**
Internal Contact	**Beryllium copper, gold plated**
Outer Conductor	**Stainless steel, passivated**
Insulator	**PTFE**

ORDERING INFORMATION VST-F-SMA0501-18G

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