RF COAXIAL TERMINATION

SMP Female RF Terminator

DC–26.5 GHz | 50 Ω | 2 W

P/N VST-F-SMPF0202-26.5G

PRODUCT OVERVIEW

A compact 50 Ω SMP female termination rated at 2 W, with frequency-dependent VSWR specified through 26.5 GHz and gold-plated beryllium-copper construction.



KEY FEATURES

- VSWR ≤1.20:1 through 12 GHz; ≤1.30:1 through 26.5 GHz
- 2 W rated power in a compact SMP female design
- Gold-plated beryllium-copper RF construction

APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Range	**DC–26.5 GHz (specified VSWR)**
Nominal Impedance	**50 Ω**
VSWR (Max.)	**≤1.20:1 (DC–12 GHz); ≤1.25:1 (DC–18 GHz); ≤1.30:1 (DC–26.5 GHz)**
Rated Power	**2 W**
Temperature Range	**–65 °C to +165 °C**
Connector Interface	**SMP Female**

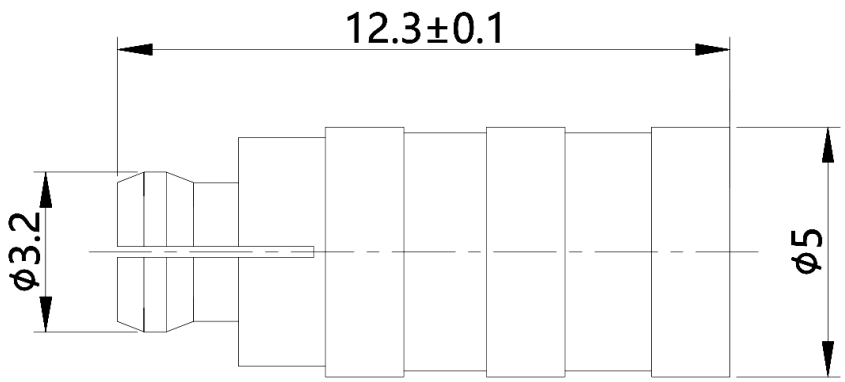
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Mechanical & Material Details

SMP Female RF Terminator / VST-F-SMPF0202-26.5G

MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DATA	SPECIFICATION
Overall Length	**12.3 ± 0.1 mm**
Max. Diameter	**Ø5 mm**
Front Diameter	**Ø3.2 mm**

MATERIALS & FINISH	SPECIFICATION
Body	**Beryllium copper, gold plated**
Internal Contact	**Beryllium copper, gold plated**
Outer Conductor	**Beryllium copper, gold plated**
Insulator	**PTFE**

ORDERING INFORMATION VST-F-SMPF0202-26.5G

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