RF COAXIAL TERMINATION

SMP Male RF Terminator

DC–26.5 GHz | 50 Ω | 2 W

P/N VST-F-SMPM0202-26.5G

PRODUCT OVERVIEW

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



KEY FEATURES

- 50 Ω termination with VSWR ≤1.20:1 to 6 GHz and ≤1.35:1 to 26.5 GHz
- 2 W rated power in a compact SMP male design
- Gold-plated brass RF contacts with PTFE insulation

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–6 GHz); ≤1.25:1 (DC–12 GHz); ≤1.30:1 (DC–18 GHz); ≤1.35:1 (DC–26.5 GHz)**
Rated Power	**2 W**
Temperature Range	**−55 °C to +200 °C**
Connector Interface	**SMP Male**

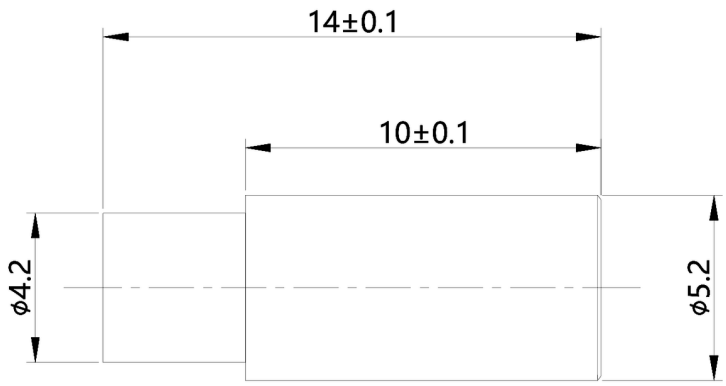
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Mechanical & Material Details

SMP Male RF Terminator / VST-F-SMPM0202-26.5G

MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DATA	SPECIFICATION
Overall Length	**14 ± 0.1 mm**
Body Length	**10 ± 0.1 mm**
Body Diameter	**Ø5.2 mm**
Front Diameter	**Ø4.2 mm**

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

ORDERING INFORMATION VST-F-SMPM0202-26.5G

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