RF COAXIAL TERMINATION

SSMP Female RF Terminator

DC–40 GHz | 50 Ω | 0.5 W

P/N VST-F-SSMPF00502-40G

PRODUCT OVERVIEW

A compact 50 Ω SSMP female termination rated at 0.5 W, with frequency-dependent VSWR specified through 40 GHz and gold-plated beryllium-copper construction.



KEY FEATURES

- 50 Ω termination with VSWR ≤1.20:1 to 18 GHz and ≤1.50:1 to 40 GHz
- 0.5 W rated power in a compact SSMP female design
- Gold-plated beryllium-copper contacts with PTFE insulation

APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Range	**DC–40 GHz**
Nominal Impedance	**50 Ω**
VSWR (Max.)	**≤1.20:1 (DC–18 GHz); ≤1.40:1 (DC–26.5 GHz); ≤1.50:1 (DC–40 GHz)**
Rated Power	**0.5 W**
Temperature Range	**–55 °C to +125 °C**
Connector Interface	**SSMP Female**

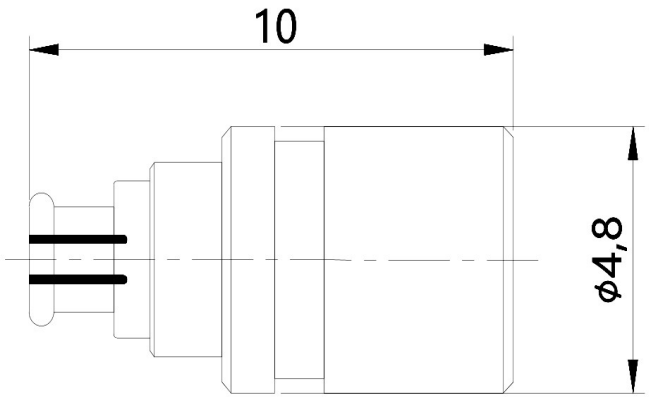
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Mechanical & Material Details

SSMP Female RF Terminator / VST-F-SSMPF00502-40G

MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DATA	SPECIFICATION
Overall Length	**10 mm**
Max. Diameter	**Ø4.8 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-SSMPF00502-40G

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