RF COAXIAL TERMINATION

SMA Female RF Terminator Series

DC–26.5 GHz | 50 Ω | 2 W

P/N VST-F-SMAF0202-XX

PRODUCT OVERVIEW

Compact 50 Ω SMA female RF terminations rated at 2 W. Four models are available with frequency limits of 6, 12, 18, and 26.5 GHz.



KEY FEATURES

- Four 50 Ω female models with frequency-specific VSWR limits
- 2 W rated power in a compact knurled SMA female design
- Gold-finished brass body and gold-finished RF contact

APPLICATIONS

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

ELECTRICAL SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Range	**DC–6 / 12 / 18 / 26.5 GHz (by model)**
Nominal Impedance	**50 Ω**
VSWR (Max.)	**≤1.20:1 (6/12/18 GHz); ≤1.25:1 (26.5 GHz)**
Rated Power	**2 W**
Operating Temperature	**−55 °C to +200 °C**
Connector Interface	**SMA Female**
Dielectric Withstand Voltage	**350 VRMS**
Insulation Resistance	**≥5000 MΩ**
Mechanical Durability	**≥500 mating cycles**

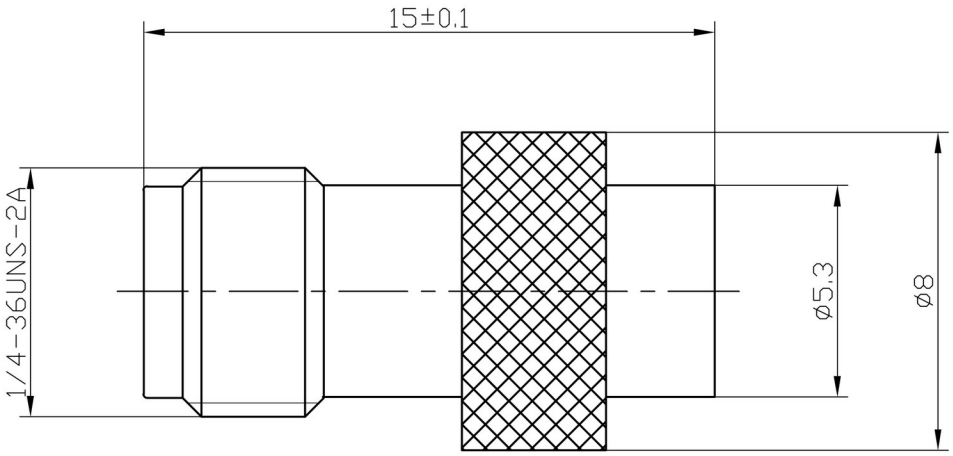
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Mechanical & Material Details

SMA Female RF Terminator Series / VST-F-SMAF0202-XX

MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DATA	SPECIFICATION
Overall Length	**15 ± 0.1 mm**
Max. Diameter	**Ø8 mm**
Rear Body Diameter	**Ø5.3 mm**
Connector Thread	**1/4-36UNS-2A**

MATERIALS & FINISH	SPECIFICATION
Body	**Brass, gold finish**
Inner Contact	**Brass, gold finish**
Insulator	**PTFE, natural**

ORDERING INFORMATION

MODEL	FREQUENCY RANGE	VSWR (MAX.)
VST-F-SMAF0202-06	DC–6 GHz	≤1.20:1
VST-F-SMAF0202-12	DC–12 GHz	≤1.20:1
VST-F-SMAF0202-18	DC–18 GHz	≤1.20:1
VST-F-SMAF0202-26.5	DC–26.5 GHz	≤1.25:1