RF COAXIAL TERMINATION

SMA Male RF Terminator Series

DC–26.5 GHz | 50 Ω | 2 W

P/N VST-F-SMA0201-XX

PRODUCT OVERVIEW

Compact 50 Ω SMA male RF terminations with 2 W rated power. Four models are available with specified frequency limits of 6, 12, 18 or 26.5 GHz.



KEY FEATURES

- Four matched 50 Ω models with frequency-specific VSWR limits
- 2 W rated power in a compact SMA male configuration
- Nickel-plated brass body with gold-plated 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 Male**
Dielectric Withstand Voltage	**350 VRMS**
Insulation Resistance	**≥2500 MΩ**
Mechanical Durability	**≥500 mating cycles**

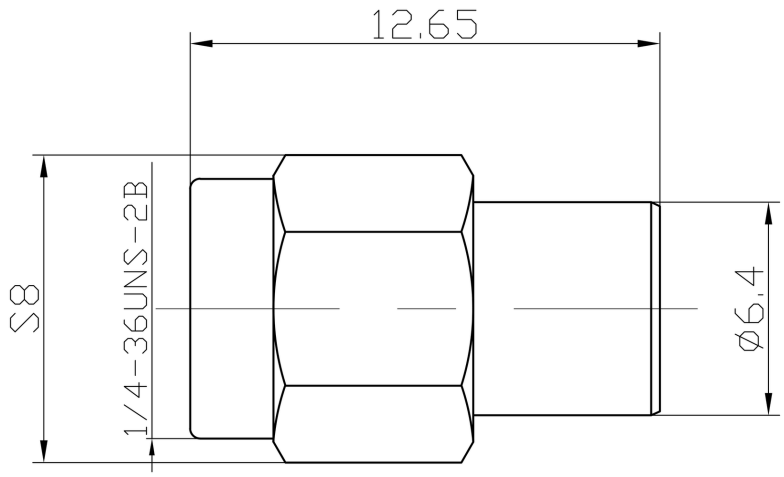
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Mechanical & Material Details

SMA Male RF Terminator Series / VST-F-SMA0201-XX

MECHANICAL OUTLINE

Dimensions in mm



MECHANICAL DATA	SPECIFICATION
Overall Length	**12.65 mm**
Body Diameter	**Ø6.4 mm**
Wrench Flats	**8 mm (S8)**
Connector Thread	**1/4-36UNS-2B**

MATERIALS & FINISH	SPECIFICATION
Body	**Brass, nickel plated**
Screw Sleeve	**Stainless steel, passivated**
Inner Contact	**Brass, gold plated**
Insulator	**PTFE, natural**

ORDERING INFORMATION

MODEL	FREQUENCY RANGE	VSWR (MAX.)
VST-F-SMA0201-06	DC–6 GHz	≤1.20:1
VST-F-SMA0201-12	DC–12 GHz	≤1.20:1
VST-F-SMA0201-18	DC–18 GHz	≤1.20:1
VST-F-SMA0201-26.5	DC–26.5 GHz	≤1.25:1