# Quick Mate SMA Male to SMA Male Precision Coaxial Adapter

QMSMA-SMA41-PS

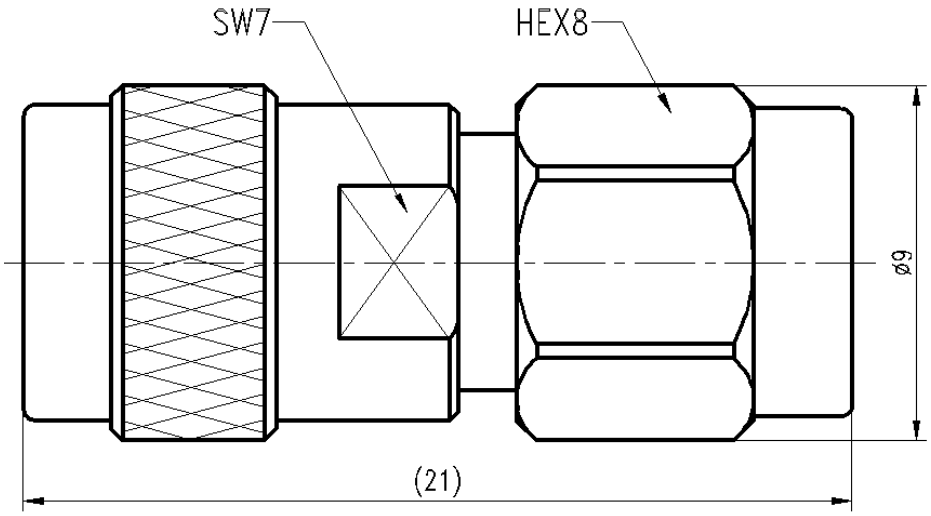
| MECHANICAL SPECIFICATIONS | | |
|---|---|---|
| **Interface 1** | Quick Mate SMA | |
| **Gender 1** | Male | |
| **Standard 1** | - | |
| **Interface 2** | SMA | |
| **Gender 2** | Male | |
| **Standard 2** | MIL-STD-348A | |
| **Geometry** | Straight | |
| **Durability** | ≥500 mating | |
| **Weight** | 5.4 g | |
| **ELECTRICAL SPECIFICATIONS** | | |
| **Impedance** | 50 Ω | |
| **Frequency range** | DC – 18 GHz | |
| **VSWR** | ≤1.15 | |
| **Insertion loss** | ≤0.3 dB | |
| **Working voltage** | 335 $V_{RMS}$ | |
| **Dielectric withs. voltage** | 1000 $V_{RMS}$ | |
| **Insulation resistance** | ≥5000 MΩ | |
| **MATERIAL SPECIFICATIONS** | | |
| **COMPONENT** | **MATERIAL** | **FINISHING** |
| Body, Nut | Stainless steel | Passivated |
| Center contact | Brass | Gold |
| Insulator | PTFE | - |
| **ENVIRONMENTAL SPECIFICATIONS** | | |
| **Temperature range** | -55 / +165 °C | |
| **RoHS** | Compliant (2011/65/EU \| RoHS 3) | |
| **REACH** | Compliant (EC 1907/2006) | |



**KEY FEATURES**

- Precision microwave performance up to 18 GHz
- Quick-mate interface for rapid test connections
- Passivated stainless steel construction
- Low VSWR for high-frequency applications
- 1-year standard warranty

**DRAWING** — **Unit: mm**



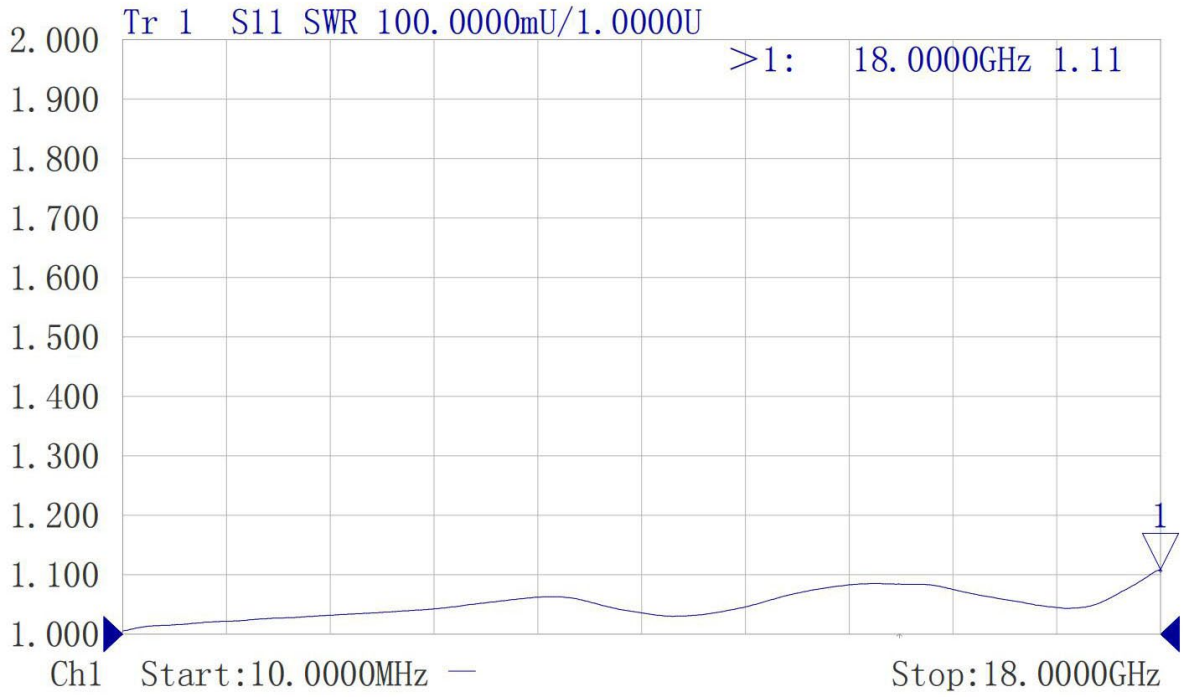



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## TYPICAL PERFORMANCE (VSWR)






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