PRECISION COAXIAL ADAPTERS

7mm TO 3.5mm

Features

- Ultra Low Loss Adapters
- Recommended for Automated Tuner System (ATS) Measurements
- Phase Matched Pairs

Model 8022S Model 8022T

Description

Models 8022S and 8022T are precision coaxial adapters which feature low VSWR and ultra low insertion loss from DC to 18 GHz. These adapters were designed using high frequency simulation software for optimal match and loss performance. Both adapters incorporate precision 7mm connectors on one end and precision 3.5mm connectors [1] on the opposite end. Maury models 8022S and 8022T are phase-matched for use with vector network analyzers (VNAs) and may be used in other laboratory applications such as automated tuner systems.

Specifications

Frequency Range. ..... DC to 18 GHz

VSWR ..... 1.04:1 maximum, DC to 4 GHz

1.08:1 maximum, 4 to 18 GHz

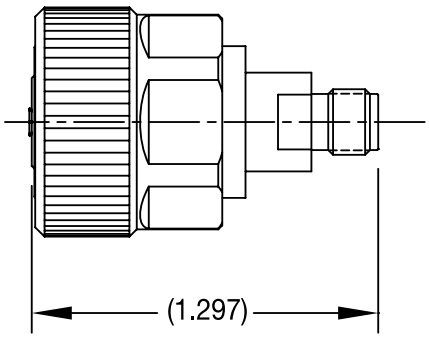
I. L. ..... 0.08 dB DC to 18 GHz

Impedance ..... 50 ohms nominal

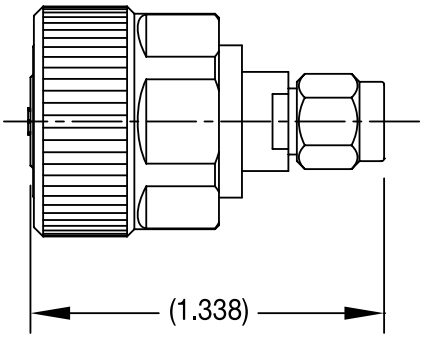
Connectors ..... See chart [1]

Model	Connectors	
8022S [2]	7mm	3.5mm female
8022T [2]	7mm	3.5mm male

Dimensions - Inches



Model 8022S



Model 8022T

[1] For 3.5mm interface information, refer to Maury data sheet 5E-062.

[2] Models 8022S and 8022T are phase-matched.

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