

# Adapter

## Features



# Test Report

## Electrical Specifications

Figure 1 consists of five plots showing the effect of the 5th harmonic on the fundamental component. The plots are arranged in a 2x2 grid, with the fifth plot being a circular plot showing the effect of the 5th harmonic on the fundamental component.

**Top Left Plot:** Tr 3: S21 Log(1/1000/1/0.0008). The y-axis ranges from 1.50 to 2.00. The x-axis ranges from 1 to 5. The plot shows the magnitude of the fundamental component (1) and the 5th harmonic (5) as a function of frequency. The fundamental component (1) is a solid line, and the 5th harmonic (5) is a dashed line. The fundamental component (1) starts at approximately 1.95 at 2.400000 GHz and decreases to approximately 1.85 at 7.960500 GHz. The 5th harmonic (5) starts at approximately 1.55 at 2.400000 GHz and increases to approximately 1.65 at 7.960500 GHz.

**Top Right Plot:** Tr 3: S21 Log(10/0.0008/0.0008). The y-axis ranges from -50.00 to 50.00. The x-axis ranges from 1 to 5. The plot shows the magnitude of the fundamental component (1) and the 5th harmonic (5) as a function of frequency. The fundamental component (1) is a solid line, and the 5th harmonic (5) is a dashed line. The fundamental component (1) starts at approximately 48.972 dB at 2.400000 GHz and decreases to approximately 43.176 dB at 7.960500 GHz. The 5th harmonic (5) starts at approximately -28.992 dB at 2.400000 GHz and increases to approximately -20.459 dB at 7.960500 GHz.

**Bottom Left Plot:** Tr 3: S21 Log(1/1000/0.0008). The y-axis ranges from -5.00 to 5.00. The x-axis ranges from 1 to 5. The plot shows the magnitude of the fundamental component (1) and the 5th harmonic (5) as a function of frequency. The fundamental component (1) is a solid line, and the 5th harmonic (5) is a dashed line. The fundamental component (1) starts at approximately 0.0436 dB at 2.400000 GHz and decreases to approximately -0.1833 dB at 7.960500 GHz. The 5th harmonic (5) starts at approximately -0.1048 dB at 2.400000 GHz and increases to approximately -0.1333 dB at 7.960500 GHz.

**Bottom Right Plot:** Tr 3: S21 Log(1/0.0008/1/0.0008). The y-axis ranges from -5.00 to 5.00. The x-axis ranges from 1 to 5. The plot shows the magnitude of the fundamental component (1) and the 5th harmonic (5) as a function of frequency. The fundamental component (1) is a solid line, and the 5th harmonic (5) is a dashed line. The fundamental component (1) starts at approximately 0.0436 dB at 2.400000 GHz and decreases to approximately -0.1833 dB at 7.960500 GHz. The 5th harmonic (5) starts at approximately -0.1048 dB at 2.400000 GHz and increases to approximately -0.1333 dB at 7.960500 GHz.

## Mechanical

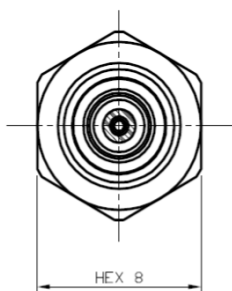
## Environmental

Operating Temperature	-40°C~85°C
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## Material

Part	Material	Plated
Body	Brass	Gold
Center Pin	Phosphor Bronze	Gold
Insulator	Teflon	

Outling Drawing (Unit:mm)  $\pm 0.2\text{mm}$



**All Specification Changed Without Notification.**