

Rev:A00

Isolator



Technical requirements

Item	Specification
Model	ISOG00811A001
Frequency range	4-8GHz
Isolation	≥20dB
Insertion loss	≤0.5dB
Return loss	≥19dB
Transmission direction	Clockwise
Temperature	300K
Connector	SMA-F

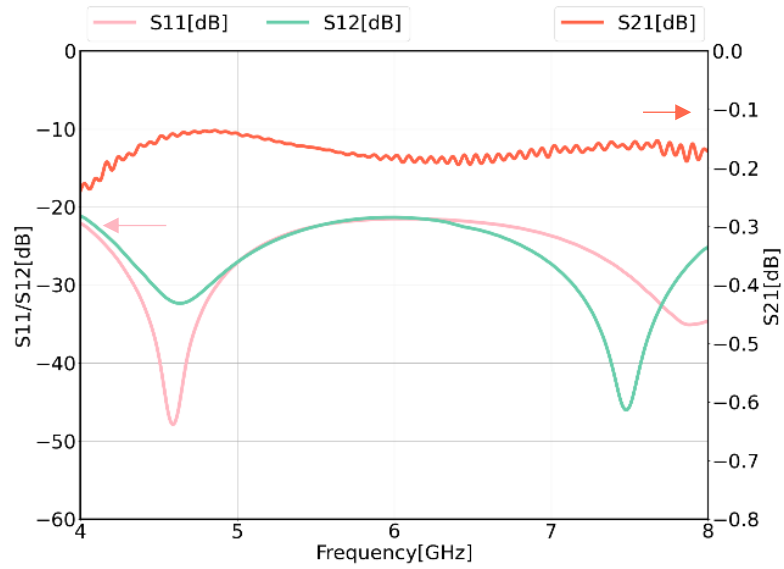
Material and surface

	Item	Material	Surface
SMA Connector	Outer conductor	Stainless steel	Passivated finish
	Center conductor	Brass	Ternary alloy
	Connector-dielectric	PTFE	/
	Housing	AL	Passivated finish
	Cover	Steel	Nickel

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Test results

Measure data, $T_{amb}=300K$



Outline drawing (Unmarked tolerance: $\pm 0.1mm$)

