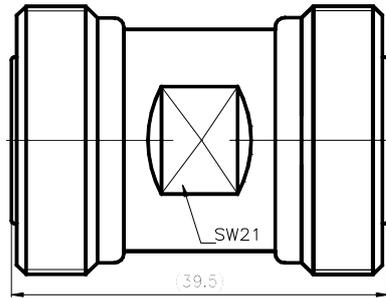


# TECHNICAL SPECIFICATION

7/16F-7/16F A



7/16 Type female to 7/16 Type female

ID:2.4.81.2222.1

Rev: A0

## Material and Plating

Center contact	Tin Bronze / Silver Plated
Outer contact & Body	Brass / Trimetal Plated
Dielectric	PTFE

## Electrical Specifications

Characteristics Impedance	50 Ohm
Frequency Range	DC~7.5GHz
Insulation Resistance	≥10000MΩ
Dielectric Withstanding Voltage	4000V rms
Operating Voltage	2500V rms
Center contact resistance	≤0.40mΩ
Outer contact resistance	≤0.20mΩ
Insertion Loss	@DC-3.0 GHz ≤0.17dB
VSWR	@0.8-1.0 GHz ≤1.08
	@1.0-3.0 GHz ≤1.10
PIM3	≤-155dBc

## Environmental & Mechanical Specifications

Durability (matings)	≥500 cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Temperature Range	-65°C to +165°C
RoHS	Compliant

## Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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*The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.*