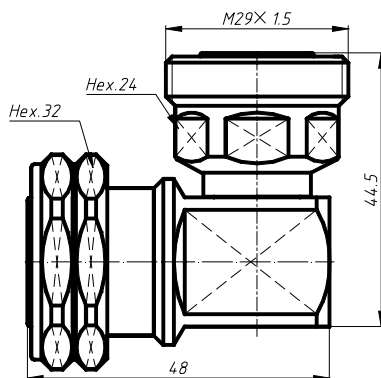


## TECHNICAL SPECIFICATION

7/16MA-7/16F



7/16 Right Angle male to 7/16  
Straight female adapter

ID: 2.4.81.2223.1(01)

Rev: A0

### Material and Plating

Center contact

Male

Brass / Silver Plated

Female

Tin Bronze / Silver Plated

Outer contact & Body

Brass / Trimetal Plated

Nut

Brass / Nickel Plated

Dielectric

PTFE

Gasket

Silicon Rubber

### Electrical Specifications

Characteristics Impedance

50 Ohm

Frequency Range

DC~7.5GHz

Insulation Resistance

≥5000MΩ

Dielectric Withstanding Voltage

4000V rms

Operating Voltage

2500V rms

Center contact resistance

≤0.4 mΩ

Outer contact resistance

≤0.2 mΩ

Insertion Loss

@DC-3.0 GHz

≤0.15dB

VSWR

@0.8-1.0 GHz

≤1.08

@1.0-3.0 GHz

≤1.15

PIM3(2\*43dBm)

@1800MHz

≤-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

*The facts and figures contained herein are carefully complied to the best of our knowledge, but they are intended for general informational purposes only.*

**Maahantuojaja / Imported by: Orbis Oy, [www.orbis.fi](http://www.orbis.fi)**  
**Tuotekoodi / Product code: 3003916**