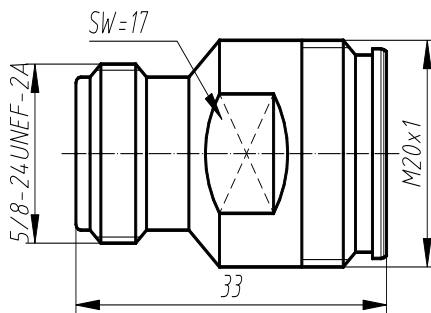


## TECHNICAL SPECIFICATION

4310F-NF 01



4.3-10 straight female to N straight female adapter

ID:2.4.81.8212.1

Rev: A0

### Material and Plating

|                |                            |
|----------------|----------------------------|
| Center contact | Tin-bronze / Silver Plated |
| Outer contact  | Tin-bronze / Silver Plated |
| Body           | Brass / Silver Plated      |
| Dielectric     | PTFE                       |
| Gasket         | Silicon Rubber             |

### Electrical Specifications

|                                 |             |          |
|---------------------------------|-------------|----------|
| Characteristics Impedance       | 50 Ohm      |          |
| Frequency Range                 | DC~6GHz     |          |
| Insulation Resistance           | ≥10000MΩ    |          |
| Dielectric Withstanding Voltage | 2500V rms   |          |
| Operating Voltage               | 1400V rms   |          |
| Contact resistance              | 4.3-10 type | N type   |
| Center contact resistance       | ≤1.5 mΩ     | ≤1.0mΩ   |
| Outer contact resistance        | ≤1.5 mΩ     | ≤0.25mΩ  |
| Insertion Loss                  | @DC-3 GHz   | ≤0.10dB  |
| VSWR                            | @DC-3 GHz   | ≤1.10    |
| PIM3(2*43dBm)                   |             | ≤-160dBc |

### 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.*

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**Tuotekoodi / Product code: 3003578**