

## Between Series Adaptor 32\_N-SMB-50-1/1--\_U

### Description

Adaptor plug/plug  
N plug (male) / SMB plug (male)



Interface standards  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210  
Series SMB - IEC 60169-10\_MIL-STD-348A/311\_CECC 22130

### Technical Data

#### Electrical Data

|                          |                                          |
|--------------------------|------------------------------------------|
| Impedance                | 50 $\Omega$                              |
| Interface frequency max. | 4 GHz                                    |
| VSWR                     | DC - 3 GHz<br>$\leq 1.03 + 0.08 f$ (GHz) |
| Frequency range          | 3 to 4 GHz                               |
| Return loss              | $\geq 18.5$ dB                           |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0281 kg |

#### Environmental Data

|                                                      |                  |
|------------------------------------------------------|------------------|
| Operating temperature                                | -65 °C to 165 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant        |

#### Material Data

Interface - N plug (male)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--------------------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass                  | SUCOPLATE (R) Plating                      |
| Body           | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator      | PFA / PTFE             |                                            |
| Coupling nut   | Brass                  | SUCOPLATE (R) Plating                      |
| Gasket         | VMQ (Silicone rubber)  |                                            |

Interface - SMB plug (male)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--------------------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Brass                  | Gold Plating (without Nickel underplating) |
| Body           | Brass                  | SUCOPLATE (R) Plating                      |
| Insulator      | PFA / PTFE             |                                            |

### Related Documents

|                   |              |
|-------------------|--------------|
| Catalogue drawing | DCA-00014491 |
|-------------------|--------------|

### Ordering Information

|                |                      |
|----------------|----------------------|
| Single package | 32_N-SMB-50-1/1--_UE |
|----------------|----------------------|

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