# Data Sheet

## Between Series Adaptor
## 32_4195-N-50-1/1--_U

## Description

Adaptor plug/plug
4.1/9.5 plug (male) / N-precision plug (male)

Precision adaptor

Interface standards
Series 4.1/9.5 - IEC 60169-11_DIN 47231_VG 95277
Series N-precision - IEC 60169-16_MIL-STD-348A/402_CECC 22210



## Technical Data

### Electrical Data

| | |
|---|---|
| Impedance | 50 Ω |
| Interface frequency max. | 14 GHz |
| Frequency range | DC to 14 GHz |
| Return loss | ≥ 30 dB |
| Electrical length | 52.68 mm |

### Mechanical Data

| | |
|---|---|
| Number of matings | 500 |
| Weight | 0.0649 kg |

### Environmental Data

| | |
|---|---|
| Operating temperature | -40 °C to 85 °C |
| 2011/65/EU (RoHS) | compliant |

### Material Data

Interface - 4.1/9.5 plug (male)

| Piece Parts | Material | Surface Plating |
|---|---|---|
| Centre contact | Brass | 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 |

Interface - N-precision plug (male)

| Piece Parts | Material | Surface Plating |
|---|---|---|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact | Stainless Steel | |
| Body | Stainless Steel | |
| Insulator | | |
| Coupling nut | Brass | SUCOPLATE (R) Plating |

## Related Documents

| | |
|---|---|
| Outline drawing | DOU-00014543 |

## Ordering Information

| | |
|---|---|
| Single package | 32_4195-N-50-1/1--_UE |



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