

Within Series Adaptor 33_N-50-0-51/193_N

Description

Adaptor plug/jack
N-precision plug (male) / N-precision jack (female)

For Test & Measurement applications
Precision adaptor

Interface standard
Series N-precision - IEC 60169-16_MIL-STD-348A/402_CECC 22210



Technical Data

Electrical Data

| | |
|--------------------------|--------------------------------------|
| Impedance | 50 Ω |
| Interface frequency max. | 18 GHz |
| VSWR | DC - 18 GHz ≤ 1.03 + 0.01 f (GHz) |
| Electrical length | 35.5 mm |

Mechanical Data

| | |
|-------------------|-----------|
| Number of matings | 500 |
| Weight | 0.0476 kg |

Environmental Data

| | |
|--|-----------------|
| Operating temperature | -55 °C to 70 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Material Data

Interface - N-precision plug (male)

| Piece Parts | Material | Surface Plating |
|----------------|-----------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | Stainless Steel | |
| Body | Stainless Steel | |
| Insulator | Air Dielectric - Bead - PPH | |
| Coupling nut | Brass | SUCOPLATE (R) Plating |

Interface - N-precision jack (female)

| Piece Parts | Material | Surface Plating |
|----------------|-----------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | Stainless Steel | |
| Body | Stainless Steel | |
| Insulator | Air Dielectric - Bead - PPH | |

Related Documents

| | |
|-------------------|--------------|
| Catalogue drawing | DCA-00013714 |
|-------------------|--------------|

Ordering Information

| | |
|----------------|---------------------|
| Single package | 33_N-50-0-51/193_NE |
|----------------|---------------------|

Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

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