

## RF ADAPTORS - PRODUCT DATA

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### Details

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#### Item description

**33\_716-N-Q50-4/133\_UE**

#### Connector Description

Adaptor plug/jack

#### Series / Pattern

- 7/16 to N – Type

#### Highlights

- Quick-mate pluggable without nut
- For Test & Measurement applications



#### Item number

23000487

#### Outline drawing

33\_716-N-Q50-4/133\_U

#### Catalogue drawing

33\_716-N-Q50-4/133\_U

#### Interface Standards

IEC 60169-4; CECC 22190; DIN 47223; VG 95250

### Mechanical data

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#### Connector Gender1

Interface 7/16

plug (male)

#### Connector Gender2

Interface N

jack (female)

### Electrical data

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#### Impedance

50 Ω

#### Interface Freq max

 $\leq 7.5$  GHz

#### Frequency Range 1

0 to 4 GHz

#### Return Loss Range1

 $> 32$  dB

#### VSWR Range1

 $\leq 1.05$ 

#### Frequency Range 2

4 to 7.5 GHz

#### Return Loss Range2

 $> 23$  dB

#### VSWR Range2

 $\leq 1.15$ 

### Environmental and general data

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#### Operating Temp min

 $-65$  °C

#### Operating Temp max

165 °C

#### Weight

0.1018 kg

#### Number of Matings

500

### Material

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#### 7/16 – Interface

##### Piece part

##### Base material

##### Plating

Center contact

Copper Beryllium Alloy

Gold Plating

Outer contact

Brass

SUCOPLATE (R) Plating

Insulator

PFA / PTFE

Body

Brass

SUCOPLATE (R) Plating

#### N – Interface