## **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Between Series Adaptor 33\_716-N-Q50-4/133\_U

#### **Description**

Adaptor plug/jack

7/16 Quick-mate plug (male) / N jack (female)

Quick-mate coupling mechanism, pluggable without tightening For Test & Measurement applications

Interface standards

Series 7/16 Quick-mate - HUBER+SUHNER Quick-mate Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 7.5 \ \text{GHz} \\ \text{Frequency range} & \text{DC to 4 GHz} \\ \end{array}$ 

Frequency range DC to 4 GHz 4 to 7.5 GHz Return loss  $\geq$  32 dB  $\geq$  23 dB

**Mechanical Data** 

Number of matings 500 Weight 0.1018 kg

**Environmental Data** 

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS) compliant

#### **Material Data**

Interface - 7/16 Quick-mate 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	

#### Interface - N jack (female)

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	

#### **Related Documents**

Outline drawing DOU-00014420

#### **Ordering Information**

Single package 33\_716-N-Q50-4/133\_UE

#### **Remarks**

Durability of QUICK MATE interface: 10000 matings

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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