# **Data Sheet**

# **HUBER+SUHNER**

# Between Series Adaptor 31\_N-716-50-1/---\_U

## **Description**

Adaptor jack/jack

N jack (female) / 7/16 jack (female)

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210 Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



# **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 7.5 \ \mbox{GHz} \\ \mbox{VSWR} & \mbox{DC - 7.5 GHz} \\ & \leq 1.03 + 0.02 \ \mbox{f (GHz)} \end{array}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.0879 kg

**Environmental Data** 

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

#### **Material Data**

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	

## Interface - 7/16 jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Bronze	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

## **Related Documents**

Catalogue drawing DCA-00014603

#### **Ordering Information**

Single package 31\_N-716-50-1/---\_UE

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.