### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Between Series Adaptor 33\_N-716-50-1/---\_U

#### **Description**

Adaptor plug/jack

N plug (male) / 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 0.1015 kg

**Environmental Data** 

Operating temperature  $$-65\ ^{\circ}\text{C}$$  to 165  $^{\circ}\text{C}$$  2011/65/EU (RoHS) compliant

**Material Data** 

Interface - N 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
Gasket	VMQ (Silicone rubber)	

#### Interface - 7/16 jack (female)

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

#### **Related Documents**

Catalogue drawing DCA-00014333

#### **Ordering Information**

Single package 33\_N-716-50-1/---\_UE

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

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