### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Within Series Adaptor 31\_716-50-0-1/003\_-

#### **Description**

Adaptor jack/jack

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

Interface standard

Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 7.5 \ \text{GHz} \\ \text{VSWR} & \text{DC - 7.5 \ GHz} \\ \end{array}$ 

≤ 1.03 + 0.01 f (GHz)

Frequency range DC to 3 GHz Return loss  $\geq$  36 dB

**Mechanical Data** 

Number of matings 500 Weight 0.0871 kg

**Environmental Data** 

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

**Material Data** 

Interface - 7/16 jack (female)

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

#### **Related Documents**

Catalogue drawing DCA-00013797

#### **Ordering Information**

Single package 31\_716-50-0-1/003\_-E

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