

# HUBER+SUHNER® DATA SHEET

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

Rev.: G 

### 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

Impedance	50 Ω
Interface frequency max.	7.5 GHz
VSWR	DC - 7.5 GHz ≤ 1.03 + 0.02 f (GHz)

#### Mechanical Data

Number of matings	500
Weight	0.1015 kg

#### Environmental Data

Operating Temperature	-65 °C to 165 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts

##### Interface - N plug (male)

	Material
Centre contact	Brass
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass
Gasket	VMQ (Silicone rubber)

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

Centre contact	Bronze
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

Hard Au min. 1.3 μm  
SUCOPLATE (R) Plating  
SUCOPLATE min. 0.5 μm over Ag min. 2 μm

Hard Au min. 0.8 μm

Silver Plating  
Silver Plating  
SUCOPLATE (R) Plating

### Related Documents

#### Ordering Information

Single package	33_N-716-50-1/---_UE
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

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



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