

# HUBER+SUHNER® DATA SHEET

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

Rev.: B



### Description

Adaptor plug/jack  
7/16 plug (male) / N jack (female)

Interface standards  
IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Interface frequency max.	7.5 GHz	
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
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts (7/16)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

Gold Plating (without Nickel underplating)  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

##### Piece Parts (N)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

Gold Plating (without Nickel underplating)  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

### Related Documents

Outline drawing	DOU-00014420
Catalogue drawing	DCA-00014422

### Ordering Information

Single package	33_716-N-Q50-4/133_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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