

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 33\_PC7-N-50-6/1--\_N

### Description

Adaptor plug/jack  
 PC 7 plug (male) / N jack (female)  
 For Test & Measurement applications  
 Interface standards  
 Series PC 7 - IEEE STD 287\_ANSI C 16.43  
 Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	11 GHz		
Frequency range	DC to 3 GHz	3 to 6 GHz	6 to 11 GHz
Return loss	≥ 36 dB	≥ 32 dB	≥ 24 dB
Electrical Length	41.85 mm +/- 0.1		

#### Mechanical Data

Number of matings	500
Weight	0.0618 kg

#### Environmental Data

Operating Temperature	-55 °C to 70 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts

##### Interface - PC 7 plug (male)

	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	Air Dielectric - Bead - PPH
Coupling nut	Brass

##### Interface - N jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	

##### Surface Plating

Gold Plating (without Nickel underplating)  
 Gold Plating (without Nickel underplating)  
 Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

SUCOPRO Plating

### Related Documents

#### Ordering Information

Single package	33_PC7-N-50-6/1--_NE
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#### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

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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