

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_PC7-716-50-1/--3\_N



### Description

Adaptor plug/jack  
PC 7 plug (male) / 7/16-precision jack (female)

Interface standards  
IEEE STD 287\_ANSI C 16.43



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$
Interface frequency max.	7.5 GHz
VSWR	DC - 7.5 GHz $\leq 1.03 + 0.004 f$

#### Mechanical Data

Number of matings	500
Weight	0.1121 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (PC 7)

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

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

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

##### Surface Plating

SUCOPRO Plating  
SUCOPRO Plating  
SUCOPRO Plating

SUCOPLATE (R) Plating

##### Surface Plating

Silver Plating  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

### Related Documents

#### Ordering Information

Single package 33\_PC7-716-50-1/--3\_NE

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.



**HUBER+SUHNER AG**  
RF Technology  
9100 Herisau, Switzerland  
Phone +41 (0)71 353 41 11  
Fax +41 (0)71 353 45 90  
www.hubersuhner.com

**HUBER+SUHNER – Excellence in Connectivity Solutions**