

# HUBER+SUHNER® DATA SHEET

## Within Series Adapter: 32\_PC35-50-0-2/199\_N

Rev.: I



### Description

Adaptor plug/plug  
PC 3.5 plug (male) / PC 3.5 plug (male)

Interface standards  
IEC 60169-23



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	33 GHz		
Frequency range	DC to 1.5 GHz	1.5 to 6 GHz	6 to 18 GHz
Return loss	$\geq 35$ dB	$\geq 30$ dB	$\geq 20$ dB
Electrical Length	25.5 mm +/- 0.2		

#### Mechanical Data

Number of matings	500
Weight	0.0071 kg

#### Environmental Data

Operating Temperature	-65 °C to 90 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts (PC 3.5)

Centre contact	Material	Surface Plating
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Stainless Steel	
Insulator	Stainless Steel	
Coupling nut	Air Dielectric - Bead - PS	
	Stainless Steel	

##### Piece Parts (PC 3.5)

Centre contact	Material	Surface Plating
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Stainless Steel	
Insulator	Stainless Steel	
Coupling nut	Air Dielectric - Bead - PS	
	Stainless Steel	

#### Related Documents

Outline drawing	DOU-00013871
-----------------	--------------

#### Ordering Information

Single package	32_PC35-50-0-2/199_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**