

COAXIAL ADAPTER, PC 3.5, 50 Ohm, plug / jack (male / female)

33_PC35-50-0-1/199_U

Properties

- Precision interfaces
- Excellent electrical performance
- Premium base materials and platings

**Product configuration**

Interface type	Gender	Standard
PC 3.5	plug (male)	IEC 60169-23
PC 3.5	jack (female)	IEC 60169-23

Interface and material data

PC 3.5		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	PS (Polystyrene)	
Coupling nut	Stainless steel	
Gasket	VMQ (Silicone rubber)	
PC 3.5		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	PS (Polystyrene)	

Electrical data

Impedance	50 Ω
Interface frequency	33 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 18 GHz	28 dB	1.08

COAXIAL ADAPTER, PC 3.5, 50 Ohm, plug / jack (male / female)

33_PC35-50-0-1/199_U

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
18 GHz ... 26.5 GHz	23 dB	1.15

Mechanical data	
Weight	0.0039 kg
Mating cycles	500

Environmental data	
Operation temperature	-60 °C ... 100 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22644362	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22644362	33_PC35-50-0-1/199_UE	Single

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P2180 / Date of publication: 12.07.2025 / uncontrolled copy