

COAXIAL CONNECTOR, PC 1.85, 50 Ohm, Edge mount PCB jack (female)

21_PC185-50-2-5/19-_NE

Properties

- Best electrical performance and excellent mechanical stability
- Extreme reliability
- Particularly well suited for semi-rigid, semi-flex and flexible cable
- Mechanical intermateable with PC 1.85 (1.85 mm standard)



Product configuration

Interface type	Gender
PC 1.85	jack

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO / Gold Plating
Outer conductor	Stainless steel	Passivated (Plating)
Body	Stainless steel	Passivated (Plating)
Insulator	LCP (Liquid crystal polymer)	

Electrical data

Impedance	50 Ω
Interface frequency	67 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 50 GHz	24 dB	1.135
50 GHz ... 67 GHz	20 dB	1.222

Mechanical data

Weight	0.004 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	soldered

COAXIAL CONNECTOR, PC 1.85, 50 Ohm, Edge mount PCB jack (female)

21_PC185-50-2-5/19-_NE

Environmental data	
Operation temperature	-55 °C ... 155 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85001993	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
85001993	21_PC185-50-2-5/19-_NE	Single

Suitable cables	
Cable group	U99 - Customer specific

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
23024588	74_Z-0-0-442	Soldering tool

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-P2870 / Date of publication: 11.07.2025 / uncontrolled copy