

COAXIAL CONNECTOR, PC 1.85, 50 Ohm, Straight cable plug (male)

11_PC185-50-2-6/19-_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 2.4

**Product configuration**

Interface type	Gender	Standard
PC 1.85	plug	IEC 61169-32

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)	
Coupling nut	Stainless Steel	Passivated (Plating)

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

Mechanical data

Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	soldered

Environmental data

Operation temperature	-55 °C ... 125 °C
-----------------------	-------------------

COAXIAL CONNECTOR, PC 1.85, 50 Ohm, Straight cable plug (male)

11_PC185-50-2-6/19-_NE

Ordering Information Table		
Item number	Item description	Packaging type
85001960	11_PC185-50-2-6/19-_NE	Single

Suitable cables	
Cable group	Y16 - 2 mm / 50 Ohm
Suitable cables	SUCOFORM_86

Additional Information	
Only as assembly	No

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-P3542 / Date of publication: 25.11.2023 / uncontrolled copy