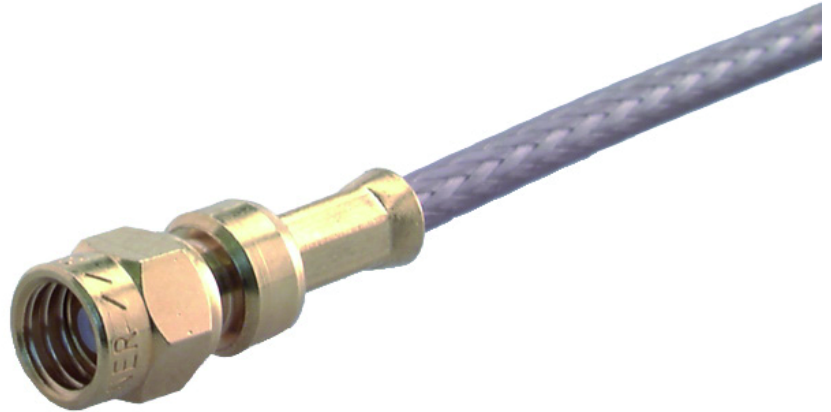


**COAXIAL CONNECTOR, SMC, 50 Ohm, Straight cable plug (male)**

11\_SMC-50-1-10/111\_N

**Properties**

- Screw-on mechanism permits a vibration-proof connection
- Suitable for semi-permanent connections and for use in mobile equipment
- Applicable in frequencies up to 10 GHz

**Product configuration**

Interface type	Gender	Standard
SMC	plug	IEC 60169-9_MIL-STD-348A/312_CECC 22140

**Interface and material data**

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Brass	Gold Plating (Nickel underplated)
Crimp ferrule	Copper	Gold Plating (without Nickel underplating)

**Electrical data**

Impedance	50 $\Omega$
Interface frequency	10 GHz

**Mechanical data**

Weight	0.0023 kg
Mating cycles	500
Cable entry centre contact	crimped
Cable entry outer contact	crimped

**Environmental data**

Operation temperature	-65 °C ... 165°C
-----------------------	------------------

**COAXIAL CONNECTOR, SMC, 50 Ohm, Straight cable plug (male)**

11\_SMC-50-1-10/111\_N

<b>Ordering Information Table</b>		
Item number	Item description	Packaging type
22648629	11_SMC-50-1-10/111_NH	Bulk 100 pcs

<b>Suitable cables</b>	
Cable group	U1 - 1 mm / 50 Ohm
Suitable cables	RG_196_A/U
	RG_178_B/U
	ENVIROFLEX_178

<b>Additional Information</b>	
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-P3419 / Date of publication: 25.11.2023 / uncontrolled copy