

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

11_SMC-50-2-10/111_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)
Fastening nut	Brass	Gold Plating (Nickel underplated)
Crimp ferrule	Copper	Gold Plating (Nickel underplated)

Electrical data	
Impedance	50 Ω
Interface frequency	10 GHz

Mechanical data	
Weight	0.0021 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-50-2-10/111_N

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22640811	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
22645841	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
22640811	11_SMC-50-2-10/111_NE	Single
22645841	11_SMC-50-2-10/111_NH	Bulk 100 pcs

Suitable cables	
Cable group	U2 - 2 mm / 50 Ohm
Suitable cables	RG_316_/U
	RG_188_A/U
Additional cables	RG_174_/U

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22543181	76_Z-0-2-1	Crimping dies

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-P3418 / Date of publication: 12.07.2025 / uncontrolled copy