

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

11_SMA-50-3-239/133_N

Properties

- Excellent return loss
- Intermateable with PC3.5and SK
- Applicable in frequencies up to 18 GHz



Product configuration		
Interface type	Gender	Standard
SMA	plug	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data		
Piece parts	Material	Plating
Centre contact	Bronze	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	36.5 dB	1.03
2 GHz ... 4 GHz	34.5 dB	1.038
4 GHz ... 6 GHz	31 dB	1.058

Mechanical data	
Weight	0.0141 kg
Mating cycles	500
Cable entry centre contact	plugged

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

11_SMA-50-3-239/133_N

Mechanical data	
Cable entry outer contact	crimped

Environmental data	
Operation temperature	-65 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85010668	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
85010668	11_SMA-50-3-239/133_NE	Single

Suitable cables	
Cable group	X27 - 3 mm / 50 Ohm
Suitable cables	SPUMA_195

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544757	76_Z-0-3-51	Crimping dies
22543185	76_Z-0-3-1	Crimping dies
22646290	74_Z-0-0-264	Trimming 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-P3460 / Date of publication: 12.07.2025 / uncontrolled copy