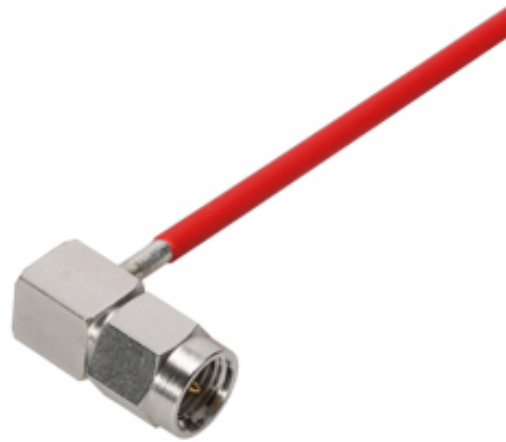


**COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)**

16\_SMA-50-2-110/133\_N

**Properties**

- Excellent return loss
- Intermateable with PC3.5 and 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	Brass	SUCOPRO Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	Silver Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	
Electrical data		
Impedance		50 Ω
Interface frequency		18 GHz
Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 1 GHz	36 dB	1.03
1 GHz ... 2.5 GHz	32 dB	1.05
2.5 GHz ... 5 GHz	26 dB	1.11
Mechanical data		
Weight		0.0043 kg
Mating cycles		500
Cable entry centre contact		soldered
Cable entry outer contact		soldered

**COAXIAL CONNECTOR, SMA, 50 Ohm, Right angle cable plug (male)**

16\_SMA-50-2-110/133\_N

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

Ordering Information Table		
Item number	Item description	Packaging type
84130706	16_SMA-50-2-110/133_NE	Single
84117807	16_SMA-50-2-110/133_NP	Bulk 500 pcs

Suitable cables	
Cable group	Y3 - 2 mm / 50 Ohm
	Y16 - 2 mm / 50 Ohm
	Y11 - 2 mm / 50 Ohm
Suitable cables	MULTIFLEX_86
	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-P3036 / Date of publication: 25.11.2023 / uncontrolled copy