

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

11_SMA-50-4-77/133_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	Copper Beryllium Alloy	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	32 dB	1.052
2 GHz ... 4 GHz	30 dB	1.065
4 GHz ... 6 GHz	27 dB	1.094

Mechanical data	
Weight	0.015 kg
Mating cycles	500
Cable entry centre contact	plugged

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Mechanical data		
Cable entry outer contact	crimped	
Environmental data		
Operation temperature	-65 °C ... 165°C	
Ingress protection (IP Rating)	Mated / IP67	
Ordering Information Table		
Item number	Item description	Packaging type
85010193	11_SMA-50-4-77/133_NE	Single
Suitable cables		
Cable group	X28 - 4 mm / 50 Ohm	
Suitable cables	SPUMA_240	
Additional Information		
Only as assembly	No	

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