DATA SHEET

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

11_SMA-50-7-1/133_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	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	29 dB	1.074
2 GHz ... 4 GHz	25.6 dB	1.111
4 GHz ... 6 GHz	24.8 dB	1.122

Mechanical data	
Weight	0.0174 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
85018509	11_SMA-50-7-1/133_NE	Single

Suitable cables	
Cable group	U30 - 7 mm / 50 Ohm
Suitable cables	SPUMA_400
	SPUMA_400-FR
Additional cables	LMR-400

Additional Information	
Only as assembly	No

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G032D/Nm/SMAm/1000 1399.17.0231 82_MMCX-S50-0-2/111_KH PCRS_LCUX_LCUX_A221T_01.0_SS 11_SMC-50-2-10/111_NE 16_MMCX-50-2-4/111_OH 33_PC24-SK-50-2/199_NE 84000918 PS12_SCUS_0000_SM09E_02.0_S0 24_BNC-50-2-1/133_NE 6806.19.A PCRS_LCMX_LCMX_O421T_05.0_LL 22512281 23002145 G032D/BNCm/BNCm/1000 31_N-50-0-2/133_NE 1399.17.0210 22540198 24_SMA-50-2-15/111_NH 84093961 ST18A/Nm/Nm/3000mm 11MMBXEF31616MMBX/300 1399.17.0122 1399.31.0020 30-07835-10/A 3404.00.0012 84057576 MINIBEND R-10 PCRS_LCUX_LCUX_A221T_20.0_SS 80345518