

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

16\_SMA-50-4-165/199\_N

**Properties**

- Suitable for use with Eacon\_4C cable
- Applicable in frequencies up to 11 GHz
- Compliant with MIL-STD-348A/310 interface standard



Product configuration		
Interface type	Gender	Standard
SMA	plug	HUBER+SUHNER-SMA-26.5GHz

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Stainless Steel	
Body	Stainless Steel	
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	11 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 6 GHz	25 dB	1.12
6.01 GHz ... 11 GHz	15 dB	1.45

Mechanical data	
Weight	0.0145 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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Environmental data	
Operation temperature	-60 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP67

Ordering Information Table		
Item number	Item description	Packaging type
84070290	16_SMA-50-4-165/199_NE	Single

Suitable cables	
Cable group	U94 - EACON_4C
Suitable cables	EACON_4C

Additional Information	
Only as assembly	No

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