

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

16_SMA-50-6-1/12-_N

Properties

- Suitable for use with Eacon_6C cable
- Applicable in frequencies up to 18 GHz
- Compliant with MIL-STD-348A/310 interface standard

**Product configuration**

Interface type	Gender	Standard
SMA	plug	MIL-STD-348A/310

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	Nickel Plating
Body	Brass	Nickel Plating
Other body part	Stainless steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless steel	Passivated (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 ... 6 GHz	24.9 dB	1.12
6.01 GHz ... 11 GHz	23.7 dB	1.14
11.01 GHz ... 18 GHz	17.7 dB	1.3

Mechanical data

Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	clamped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85077744	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
85077744	16_SMA-50-6-1/12-_NE	Single

Suitable cables	
Cable group	U96 - EACON_6C
Suitable cables	EACON_6C

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544715	74_Z-0-0-68	Knives / Blades
22642718	74_Z-0-0-12	Knives / Blades
84078907	74_Z-0-0-474	Trimming tool
85075219	74_Z-0-0-640	Cable stripping tool
84079183	74_Z-0-0-476	
84079187	74_Z-0-0-479	
85013523	74_Z-0-0-615	
84079190	74_Z-0-0-480	
85075215	74_Z-0-0-643	

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