DATA SHEET

COAXIAL ADAPTER, MFBX - SMA, 50 Ohm, plug / jack (male / female)

33_MFBX-SMA-50-1/111_N

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials

Product configuration		
Interface type	Gender	Standard
MFBX	plug (male)	HUBER+SUHNER MFBX
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data		
MFBX		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Copper Beryllium Alloy	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	
SMA		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Copper Beryllium Alloy	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	

Electrical data	
Impedance	50 Ω
Interface frequency	6 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 3.5 GHz	27 dB	1.094

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Mechanical data	
Weight	0.0025 kg
Mating cycles	500

Environmental data	
Operation temperature	-55 °C ... 155 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85008501	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
85008501	33_MFBX-SMA-50-1/111_NE	Single

Additional Information	
Remarks	Measuring adapter must only used with standard snap and slide connectors. Snap PCB connectors with specific barrel tilt limitations (dimension top of body to reference line >2.7mm) must use 33_MFBX-SMA-50-2.

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