

COAXIAL ADAPTER, MMBX, 50 Ohm, plug / plug (male / male)

32_MMBX-50-0-4/111_N

Properties

- Smallest board-to-board distance
- Very high frequencies
- Excellent return loss values
- Blind mateable
- Reliable and secure connection

**Product configuration**

Interface type	Gender	Standard
MMBX	plug (male)	HUBER+SUHNER-MMBX
MMBX	plug (male)	HUBER+SUHNER-MMBX

Interface and material data

MMBX		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Bronze	SUCOPRO Plating
Body	Bronze	SUCOPRO Plating
Insulator	PFA / PTFE	
MMBX		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Bronze	SUCOPRO Plating
Body	Bronze	SUCOPRO Plating
Insulator	PFA / PTFE	

Electrical data

Impedance	50 Ω
Interface frequency	12.4 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	26 dB	1.106
2.5 GHz ... 6 GHz	21 dB	1.196
6 GHz ... 12.4 GHz	12 dB	1.671

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Mechanical data	
Weight	0.0003 kg
Mating cycles	100

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
23010564	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
23038658	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
23010564	32_MMBX-50-0-4/111_NE	Single
23038658	32_MMBX-50-0-4/111_NY	Tray

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