

## Between Series Adaptor 39\_QMA-SMA-U50-1/11-\_N

### Description

Panel adaptor plug/jack, flange mount  
QMA plug (male) / SMA jack (female)

QMA-Floating adaptor  
QMA without snap-lock mechanism

Interface standards  
Series QMA - QMA QLF compliant  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω			
Interface frequency max.	18 GHz			
Frequency range	DC to 2 GHz	2 to 4 GHz		4 to 6 GHz
Return loss	≥ 34 dB	≥ 32 dB		≥ 28 dB

#### Mechanical Data

Weight	0.0088 kg
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#### Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)	-40 °C to 125 °C compliant
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#### Material Data

Interface - QMA plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Stainless Steel	
Insulator	PFA / PTFE	

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Copper Beryllium Alloy	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	

### Related Documents

Outline drawing	DOU-00013980
Mounting hole	DOU-00008816

### Ordering Information

Single package	39_QMA-SMA-U50-1/11-_NE
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### Remarks

Misalignment: radial float 0.5 mm, axial float 2.0 mm  
Interface durability: 5000 matings on QMA, 500 matings on SMA

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