


5	2	O-ring	Silicone rubber
4	2	Coupling nut	Brass/Gold plated
3	1	Body	Brass/Gold plated
2	1	Insulator	PTFE
1	1	Center contact	Brass/Gold plated

Designed by xio xang	Checked by jing lo	Approved by - date jing chan	File name SMA-SMA-0221	Date 04.03.16	Scale 6 : 1
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	SMA-SMA-0221	
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## CHARACTERISTICS

DESCRIPTION: SMA plug to SMA plug adaptor

### Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 18 GHz
VSWR:	≤1.30
Insertion loss:	≤0.25dB
Insulation resistance:	≥5000MΩ
Test voltage:	1000 V rms
Working voltage:	480 V rms
Contact resistance:	
1). Centre contact:	3.0 mΩ
2). Outer conductor:	2.5 mΩ

### Environmental data:

Temperature rating:	-65 °C to 165 °C
2002/95/EC (RoHS):	Compliant

### Mechanical data:

Mating cycles:	≥500
Center contact captivation:	≥15 N(axial)
Recommended torque:	0.7 Nm to 1.1 Nm

### Suitable cables:

N/A