

COAXIAL ADAPTER, SMA, 50 Ohm, jack / jack (female / female)

31_SMA-50-0-1/111_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
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CEEC 22110
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CEEC 22110

Interface and material data		
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz
VSWR	DC - 18 GHz ($\leq 1.05 + 0.01 f$ GHz)

Mechanical data	
Weight	0.0015 kg
Mating cycles	500

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Environmental data

Operation temperature	-65 °C ... 125 °C
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Material compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
22640150	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
22640150	31_SMA-50-0-1/111_NE	Single

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