

## Between Series Adaptor 31\_SMA-TNC-50-1/1--\_U

### Description

Adaptor jack/jack  
SMA jack (female) / TNC jack (female)



Interface standards  
Series SMA - IEC 60169-15\_MIL-STD-348A/310\_CECC 22110  
Series TNC - IEC 60169-17\_MIL-STD-348A/313\_CECC 22200

### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	11 GHz		
Frequency range	DC to 2 GHz	2 to 6 GHz	6 to 11 GHz
Return loss	≥ 26.4 dB	≥ 20.8 dB	≥ 17.7 dB

#### Mechanical Data

Number of matings	500
Weight	0.0079 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - SMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PFA / PTFE	

Interface - TNC jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

### Related Documents

Catalogue drawing	DCA-00014572
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### Ordering Information

Single package	31_SMA-TNC-50-1/1--_UE
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# Mouser Electronics

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