

## Between Series Adaptor 31\_N-QN-50-1/133\_N

### Description

Adaptor jack/jack  
N jack (female) / QN jack (female)

QuickLock Interface

Interface standards  
Series N - IEC 60169-16\_MIL-STD-348A/304\_CECC 22210 / QN QLF compliant  
Series QN -

### 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	≥ 32 dB	≥ 17 dB	≥ 13 dB

#### Mechanical Data

Number of matings	100
Weight	0.0339 kg

#### Environmental Data

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

#### Material Data

Interface - N jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Bronze	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Interface - QN jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Bronze	Gold Plating (Nickel underplated)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator		

### Related Documents

Outline drawing	DOU-00063709
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### Ordering Information

Single package	31_N-QN-50-1/133_NE
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