

## Between Series Adaptor 33\_QN-N-50-1/133\_N

### Description

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

QuickLock Interface

Interface standards  
Series QN - QN QLF compliant  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. 11 GHz

#### Mechanical Data

Number of matings 500  
Weight 0.0289 kg

#### Environmental Data

Operating temperature -40 °C to 125 °C  
2011/65/EU (RoHS) compliant

#### Material Data

Interface - QN plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	EPDM (Ethylene propylene diene rubber)	

Interface - N jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

### Related Documents

Outline drawing DOU-00013916

### Ordering Information

Single package 33\_QN-N-50-1/133\_NE

### Remarks

typical return loss / VSWR:  
up to 1 GHz min. 40 dB / 1.02  
up to 2.5 GHz min. 34 dB / 1.04  
up to 11 GHz min. 23 dB / 1.15

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