# **Data Sheet**



# Between Series Adaptor 31\_N-QMA-50-1/1--\_N

# **Description**

Adaptor jack/jack

N jack (female) / QMA jack (female)

QuickLock Interface

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



#### **Technical Data**

**Electrical Data** 

 $\begin{array}{ll} \text{Impedance} & 50 \; \Omega \\ \text{Interface frequency max.} & 18 \; \text{GHz} \end{array}$ 

Frequency range DC to 2.5 GHz 2.5 to 6 GHz Return loss  $\geq$  35 dB  $\geq$  24 dB

**Mechanical Data** 

Number of matings 500
Weight 0.0245 kg

**Environmental Data** 

Operating temperature  $$-40\ ^{\circ}\text{C}$$  to 85  $^{\circ}\text{C}$$  2011/65/EU (RoHS) compliant

### **Material Data**

Interface - N jack (female)

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

#### Interface - QMA jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00013909

# **Ordering Information**

Single package 31\_N-QMA-50-1/1--\_NE

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