

## Between Series Adaptor 33\_716-N-Q50-4/133\_U

### Description

Adaptor plug/jack

7/16 Quick-mate plug (male) / N jack (female)

Quick-mate coupling mechanism, pluggable without tightening

For Test & Measurement applications

Interface standards

Series 7/16 Quick-mate - HUBER+SUHNER Quick-mate

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Interface frequency max.	7.5 GHz	
Frequency range	DC to 4 GHz	4 to 7.5 GHz
Return loss	$\geq 32$ dB	$\geq 23$ dB

#### Mechanical Data

Number of matings	500
Weight	0.1018 kg

#### Environmental Data

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

#### Material Data

Interface - 7/16 Quick-mate plug (male)

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	

Interface - N 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

Outline drawing	DOU-00014420
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### Ordering Information

Single package	33_716-N-Q50-4/133_UE
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### Remarks

Durability of QUICK MATE interface: 10000 matings

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