

## Within Series Adaptor 34\_BNC-50-0-6/100\_N

### Description

Bulkhead adaptor jack/jack  
BNC jack (female) / BNC jack (female)

Hermetic sealed connector

Interface standard  
Series BNC - IEC 61169-8\_MIL-STD-348A/301\_CECC 22120



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	4 GHz
Frequency range	DC to 4 GHz
Return loss	≥ 15 dB

#### Mechanical Data

Number of matings	500
Weight	0.0232 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	not compliant

#### Material Data

Interface - BNC jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Silver Plating
Body	Copper Beryllium Alloy	Silver Plating
Insulator	PFA / PTFE	
Gasket	EPDM (Ethylene propylene diene rubber)	

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### Related Documents

Catalogue drawing	DCA-00013677
Mounting hole	DOU-00008751

### Ordering Information

Single package	34_BNC-50-0-6/100_NE
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### Remarks

Hermetically sealed: leak rate  $\leq 10^{-6}$  Torr l/s (atm cc/s)  
O-ring mount bulkhead feedthrough design, leak rate dependent on environmental condition, typ.  $\leq 10^{-6}$  Torr l/s

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