## **Data Sheet**



# Between Series Adaptor 32\_N-716-50-1/---\_N

## **Description**

Adaptor plug/plug

N plug (male) / 7/16 plug (male)

Interface standards

Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210 Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250

#### **Technical Data**

## **Electrical Data**

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Interface frequency max.} & 7.5 \ \mbox{GHz} \\ \mbox{VSWR} & \mbox{DC - 7.5 GHz} \\ \mbox{$\leq$ 1.03 + 0.02 f (GHz)$} \end{array}$ 

**Mechanical Data** 

Number of matings 500
Weight 0.1061 kg

**Environmental Data** 

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

### **Material Data**

Interface - N plug (male)

| Piece Parts    | Material                       | Surface Plating                   |
|----------------|--------------------------------|-----------------------------------|
| Centre contact | Brass                          | Gold Plating (Nickel underplated) |
| Outer contact  | Brass                          | SUCOPLATE (R) Plating             |
| Body           | Brass                          | SUCOPLATE (R) Plating             |
| Insulator      | PTFE (Polytetrafluoroethylene) |                                   |
| Coupling nut   | Brass                          | SUCOPLATE (R) Plating             |
| Gasket         | VMQ (Silicone rubber)          |                                   |

### Interface - 7/16 plug (male)

| Piece Parts    | Material              | Surface Plating       |
|----------------|-----------------------|-----------------------|
| Centre contact | Brass                 | Silver Plating        |
| Outer contact  | Brass                 | Silver Plating        |
| Body           | Brass                 | SUCOPLATE (R) Plating |
| Insulator      | PFA / PTFE            |                       |
| Coupling nut   | Brass                 | SUCOPLATE (R) Plating |
| Gasket         | VMQ (Silicone rubber) |                       |

## **Related Documents**

Outline drawing DOU-00014496

## **Ordering Information**

Single package 32\_N-716-50-1/---\_NE

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