## **Data Sheet**

# Between Series Adaptor 33\_MCX-BNC-50-1/1--\_U

## Description

Adaptor plug/jack MCX plug (male) / BNC jack (female)

## Interface standards

Series MCX - IEC 60169-36\_CECC 22220 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 1 GHz 1 to 3 GHz 3 to 4 GHz Return loss ≥ 34 dB ≥ 17.9 dB ≥ 16 dB **Mechanical Data** Number of matings 500 0.0061 kg Weight **Environmental Data** Operating temperature -55 °C to 155 °C 2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102) **Material Data**

Interface - MCX plug (male)

| Piece Parts    | Material               | Surface Plating                            |
|----------------|------------------------|--|
| Centre contact | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Outer contact  | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Body           | Copper Beryllium Alloy | Gold Plating (without Nickel underplating) |
| Insulator      | PFA / PTFE             |  |

### Interface - BNC 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**

Catalogue drawing

DCA-00014361

## **Ordering Information**

Single package

33\_MCX-BNC-50-1/1--\_UE

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