

## Between Series Adaptor 33\_SMC-BNC-50-2/1--\_N

### Description

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

#### Interface standards

Series SMC - IEC 60169-9\_MIL-STD-348A/312\_CECC 22140

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



### Technical Data

#### Electrical Data

|                          |                                      |
|--------------------------|--------------------------------------|
| Impedance                | 50 Ω                                 |
| Interface frequency max. | 4 GHz                                |
| VSWR                     | DC - 2 GHz<br>≤ 1.03 + 0.095 f (GHz) |
| Frequency range          | 2 to 4 GHz                           |
| Return loss              | ≥ 20 dB                              |

#### Mechanical Data

|                   |           |
|-------------------|-----------|
| Number of matings | 500       |
| Weight            | 0.0064 kg |

#### Environmental Data

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

#### Material Data

Interface - SMC plug (male)

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

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-00014209 |
|-------------------|--------------|

### Ordering Information

|                |                        |
|----------------|------------------------|
| Single package | 33_SMC-BNC-50-2/1--_NE |
|----------------|------------------------|