

**COAXIAL ADAPTER, SMB, 50 Ohm, plug / plug (male / male)**

32\_SMB-50-0-1/111\_N

**Properties**

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials

**Product configuration**

|                |             |                                          |
|----------------|-------------|------------------------------------------|
| Interface type | Gender      | Standard                                 |
| SMB            | plug (male) | IEC 60169-10_MIL-STD-348A/311_CECC 22130 |
| SMB            | plug (male) | IEC 60169-10_MIL-STD-348A/311_CECC 22130 |

**Interface and material data**

|                    |                        |                                   |
|--------------------|------------------------|-----------------------------------|
| SMB                |                        |                                   |
| <b>Piece parts</b> | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor    | Brass                  | Gold Plating (Nickel underplated) |
| Body               | Brass                  | Gold Plating (Nickel underplated) |
| Insulator          | PFA / PTFE             |                                   |
| SMB                |                        |                                   |
| <b>Piece parts</b> | <b>Material</b>        | <b>Plating</b>                    |
| Centre contact     | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor    | Brass                  | Gold Plating (Nickel underplated) |
| Body               | Brass                  | Gold Plating (Nickel underplated) |
| Insulator          | PFA / PTFE             |                                   |

**Electrical data**

|                     |                                                   |
|---------------------|---------------------------------------------------|
| Impedance           | 50 Ω                                              |
| Interface frequency | 4 GHz                                             |
| VSWR                | DC - 1.5 GHz ( $\leq 1.03 + 0.18 f \text{ GHz}$ ) |

**Electrical Data (frequency related)**

|                        |                    |             |
|------------------------|--------------------|-------------|
| <b>Frequency range</b> | <b>Return loss</b> | <b>VSWR</b> |
| 1.5 GHz ... 4 GHz      | 17 dB              | 1.3         |

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| Mechanical data |           |
|-----------------|-----------|
| Weight          | 0.0031 kg |
| Mating cycles   | 500       |

| Environmental data    |                   |
|-----------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22640222                   | 32_SMB-50-0-1/111_NE | Single         |

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