

COAXIAL ADAPTER, SMC, 50 Ohm, plug / plug (male / male)  
32\_SMC-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                                |
| SMC                   | plug (male) | IEC 60169-9_MIL-STD-348A/312_CECC 22140 |
| SMC                   | plug (male) | IEC 60169-9_MIL-STD-348A/312_CECC 22140 |

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| SMC                         |                        |                                   |
| Piece parts                 | Material               | Plating                           |
| 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             |                                   |
| Coupling nut                | Brass                  | Gold Plating (Nickel underplated) |
| SMC                         |                        |                                   |
| Piece parts                 | Material               | Plating                           |
| 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             |                                   |
| Coupling nut                | Brass                  | Gold Plating (Nickel underplated) |

| Electrical data     |                                  |
|---------------------|----------------------------------|
| Impedance           | 50 Ω                             |
| Interface frequency | 10 GHz                           |
| VSWR                | DC - 10 GHz (≤ 1.08 + 0.1 f GHz) |

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

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

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22543822            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|                     | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | CAS: 7439-92-1 Lead  |

| Ordering Information Table |                      |                |
|----------------------------|----------------------|----------------|
| Item number                | Item description     | Packaging type |
| 22543822                   | 32_SMC-50-0-1/111_NE | Single         |

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