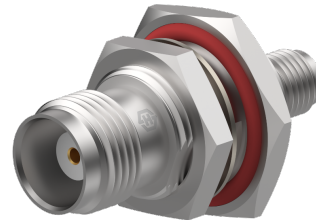


# COAXIAL ADAPTOR, Precision, 50 Ohms, SMA Jack to TNC Jack, Bulkhead

29003-0-3P

## Properties

- Applicable up to 18 GHz
- Accurate transitions
- Effective and reliable interconnection solutions
- Wide range of different configurations
- Appropriate materials



| Product configuration |               |             |
|-----------------------|---------------|-------------|
| Interface type        | Gender        | Standard    |
| SMA                   | jack (female) | MIL-STD-348 |
| TNC                   | jack (female) | MIL-STD-348 |

| Interface and material data |                                |                                   |
|-----------------------------|--------------------------------|-----------------------------------|
| SMA                         |                                |                                   |
| <b>Piece parts</b>          | <b>Material</b>                | <b>Plating</b>                    |
| Centre contact              | Copper Beryllium Alloy         | Gold Plating (Nickel underplated) |
| Body                        | Stainless steel                | Passivated (Plating)              |
| Insulator                   | PTFE (Polytetrafluoroethylene) |                                   |
| TNC                         |                                |                                   |
| <b>Piece parts</b>          | <b>Material</b>                | <b>Plating</b>                    |
| Centre contact              | Copper Beryllium Alloy         | Gold Plating (Nickel underplated) |
| Body                        | Stainless steel                | Passivated (Plating)              |
| Insulator                   | PTFE (Polytetrafluoroethylene) |                                   |

| Electrical data     |        |
|---------------------|--------|
| Impedance           | 50 Ω   |
| Interface frequency | 18 GHz |

| Electrical Data (frequency related) |                    |             |
|-------------------------------------|--------------------|-------------|
| <b>Frequency range</b>              | <b>Return loss</b> | <b>VSWR</b> |
| 0 GHz ... 18 GHz                    | 19.08 dB           | 1.25        |

| Mechanical data |          |
|-----------------|----------|
| Weight          | 0.023 kg |
| Mating cycles   | 100      |

**COAXIAL ADAPTOR, Precision, 50 Ohms, SMA Jack to TNC Jack, Bulkhead**  
29003-0-3P**Environmental data**

|                       |                   |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 125 °C |
|-----------------------|-------------------|

**Material compliance**

| Item number | Directive / Regulation            | Rating                   | Exemptions / Details |
|-------------|-----------------------------------|--------------------------|----------------------|
| 80314798    | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption | 6c                   |

**Ordering Information Table**

| Item number | Item description | Packaging type |
|-------------|------------------|----------------|
| 80314798    | 29003-0-3P       | Single         |

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