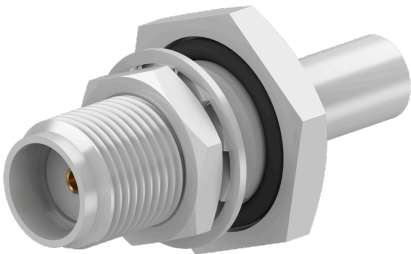


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female)  
24\_SMA-50-2-46/133\_N

**Properties**

- Excellent return loss
- Intermateable with PC3.5and SK
- Applicable in frequencies up to 18 GHz



| Product configuration |        |                                          |
|-----------------------|--------|------------------------------------------|
| Interface type        | Gender | Standard                                 |
| SMA                   | jack   | IEC 60169-15_MIL-STD-348A/310_CECC 22110 |

| Interface and material data |                        |                                   |
|-----------------------------|------------------------|-----------------------------------|
| Piece parts                 | Material               | Plating                           |
| Centre contact              | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor             | Brass                  | SUCOPLATE (R) Plating             |
| Body                        | Brass                  | SUCOPLATE (R) Plating             |
| Insulator                   | PFA / PTFE             |                                   |
| Gasket                      | VMQ (Silicone rubber)  |                                   |
| Fastening nut               | Brass                  | SUCOPLATE (R) Plating             |
| Washer                      | Bronze                 | SUCOPLATE (R) Plating             |
| Crimp ferrule               | Copper                 | SUCOPLATE (R) Plating             |

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

| Mechanical data            |           |
|----------------------------|-----------|
| Weight                     | 0.0044 kg |
| Mating cycles              | 500       |
| Cable entry centre contact | soldered  |
| Cable entry outer contact  | crimped   |

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

**COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female)**

24\_SMA-50-2-46/133\_N

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 22644246            | 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  |
| 22646565            | 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 |
| 22644246                   | 24_SMA-50-2-46/133_NE | Single         |
| 22646565                   | 24_SMA-50-2-46/133_NH | Bulk 100 pcs   |

| Suitable cables |                    |
|-----------------|--------------------|
| Cable group     | U2 - 2 mm / 50 Ohm |
| Suitable cables | RG_316_/U          |
|                 | RG_188_A/U         |
|                 | RG_174_/U          |

| Additional Information |    |
|------------------------|----|
| Only as assembly       | No |

| Suitable tools |                  |                 |
|----------------|------------------|-----------------|
| Item number    | Item description | Type of tool    |
| 22544715       | 74_Z-0-0-68      | Knives / Blades |
| 22544555       | 74_Z-0-0-54      | Holders         |
| 22543124       | 74_Z-0-0-14      | Locator         |

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