

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

24_SMA-50-4-43/199_N

Properties

- Suitable for use with Eacon_4C cable
- Applicable in frequencies up to 18 GHz
- Compliant with MIL-STD-348A/310 interface standard



Product configuration

| | | |
|----------------|--------|------------------|
| Interface type | Gender | Standard |
| SMA | jack | MIL-STD-348A/310 |

Interface and material data

| Piece parts | Material | Plating |
|-----------------|--------------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor | Stainless Steel | Passivated (Plating) |
| Body | Stainless Steel | Passivated (Plating) |
| Insulator | PTFE (Polytetrafluoroethylene) | |
| Gasket | VMQ (Silicone rubber) | |
| Fastening nut | Stainless Steel | Passivated (Plating) |
| Washer | Bronze | Nickel Plating |

Electrical data

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

Electrical Data (frequency related)

| Frequency range | Return loss | VSWR |
|---------------------|-------------|------|
| 0 GHz ... 6 GHz | 24.9 dB | 1.12 |
| 6.01 GHz ... 18 GHz | 19.1 dB | 1.25 |

Mechanical data

| | |
|----------------------------|-----------|
| Weight | 0.0131 kg |
| Mating cycles | 500 |
| Cable entry centre contact | plugged |
| Cable entry outer contact | clamped |

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| Environmental data | |
|--------------------------------|-------------------|
| Operation temperature | -65 °C ... 165 °C |
| Ingress protection (IP Rating) | Mated / IP67 |

| Ordering Information Table | | |
|----------------------------|-----------------------|----------------|
| Item number | Item description | Packaging type |
| 85063909 | 24_SMA-50-4-43/199_NE | Single |

| Suitable cables | |
|-----------------|----------------|
| Cable group | U94 - EACON_4C |
| Suitable cables | EACON_4C |

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

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