

COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-2-76/199_N

Properties

- Suitable for use with Eacon_2C cable
- Applicable in frequencies up to 18 GHz
- Compliant with MIL-STD-348A/310 interface standard

**Product configuration**

| | | |
|----------------|--------|------------------|
| Interface type | Gender | Standard |
| SMA | plug | 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) | |
| Coupling nut | Stainless steel | Passivated (Plating) |
| Gasket | VMQ (Silicone rubber) | |

Electrical data

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

Electrical Data (frequency related)

| Frequency range | Return loss | VSWR |
|---------------------|-------------|------|
| 0 GHz ... 6 GHz | 24.3 dB | 1.13 |
| 6.01 GHz ... 18 GHz | 17.7 dB | 1.3 |

Mechanical data

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

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| Environmental data | |
|--------------------------------|-------------------|
| Operation temperature | -40 °C ... 150 °C |
| Ingress protection (IP Rating) | Mated / IP67 |

| Material compliance | | | |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number | Directive / Regulation | Rating | Exemptions / Details |
| 85074234 | 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 |
| 85074234 | 11_SMA-50-2-76/199_NE | Single |

| Suitable cables | |
|-----------------|----------------|
| Cable group | U92 - EACON_2C |
| Suitable cables | EACON_2C |

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

| Suitable tools | | |
|----------------|------------------|----------------------|
| Item number | Item description | Type of tool |
| 22544715 | 74_Z-0-0-68 | Knives / Blades |
| 22642718 | 74_Z-0-0-12 | Knives / Blades |
| 84078907 | 74_Z-0-0-474 | Trimming tool |
| 85075218 | 74_Z-0-0-638 | Cable stripping tool |
| 84079183 | 74_Z-0-0-476 | |
| 84079191 | 74_Z-0-0-475 | |
| 84079187 | 74_Z-0-0-479 | |
| 85075213 | 74_Z-0-0-641 | |
| 85075217 | 74_Z-0-0-639 | |

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