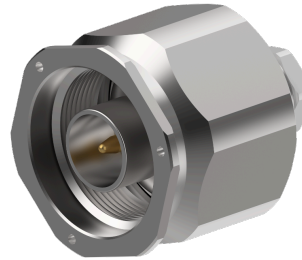


# COAXIAL CONNECTOR, N, 50 Ohm, Straight cable plug (male), High salt mist resistant (SS316L)

11\_N-50-3-66/199\_N

## Properties

- Excellent corrosion resistance in a wide range of environments
- High salt mist resistant
- Material 316L stainless steel
- Excellent return loss values
- Applicable in frequencies up to 11 GHz



## Product configuration

|                |        |                                          |
|----------------|--------|------------------------------------------|
| Interface type | Gender | Standard                                 |
| N              | plug   | IEC 61169-16_MIL-STD-348A/304_CECC 22210 |

## Interface and material data

|                 |                                            |                                   |
|-----------------|--------------------------------------------|-----------------------------------|
| Piece parts     | Material                                   | Plating                           |
| Centre contact  | Copper Beryllium Alloy                     | Gold Plating (Nickel underplated) |
| Outer conductor | Stainless Steel (high salt mist resistant) | Passivated (Plating)              |
| Body            | Stainless Steel (high salt mist resistant) | Passivated (Plating)              |
| Other body part | Brass                                      | Silver Plating                    |
| Insulator       | PTFE (Polytetrafluoroethylene)             |                                   |
| Coupling nut    | Stainless Steel (high salt mist resistant) | SUCOPLATE (R) Plating             |
| Gasket          | VMQ (Silicone rubber)                      |                                   |

## Electrical data

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 11 GHz      |

## Electrical Data (frequency related)

| Frequency range  | Return loss | VSWR |
|------------------|-------------|------|
| 0 GHz ... 2 GHz  | 28 dB       | 1.08 |
| 2 GHz ... 6 GHz  | 23 dB       | 1.15 |
| 6 GHz ... 11 GHz | 20 dB       | 1.22 |

## Mechanical data

|                            |         |
|----------------------------|---------|
| Weight                     | 29.7 g  |
| Mating cycles              | 500     |
| Cable entry centre contact | plugged |

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| Mechanical data           |          |
|---------------------------|----------|
| Cable entry outer contact | soldered |

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

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 85123367            | 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 |
| 85123367                   | 11_N-50-3-66/199_NE | Single         |

| Suitable cables |                    |
|-----------------|--------------------|
| Cable group     | Y27 - 3mm / 50 Ohm |
|                 | Y25 - 3mm / 50 Ohm |
| Suitable cables | MULTIFLEX_141_CT   |
|                 | SUCOFORM_141_CT    |

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

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22643028       | 74_Z-0-0-164     | Trimming tool |

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