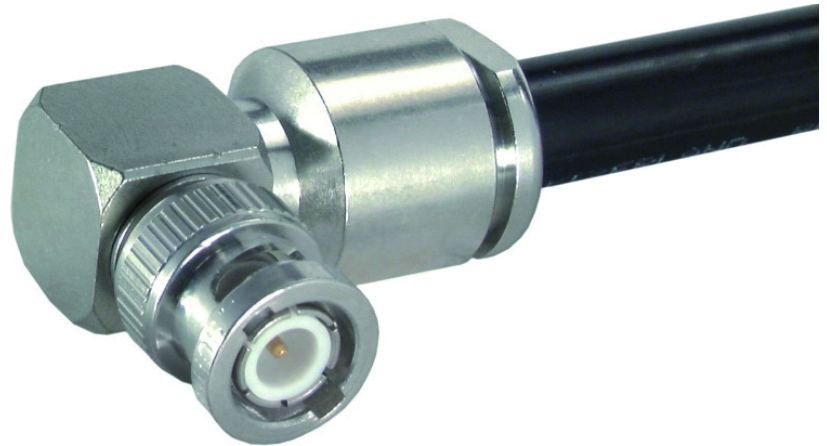


**COAXIAL CONNECTOR, BNC, 50 Ohm, Right angle cable plug (male)**

16\_BNC-50-7-9/133\_N

**Properties**

- Useful for frequently coupled and uncoupled connections
- Available for 50 ohm and 75 ohm applications
- Applicable in frequencies up to 4 GHz

**Product configuration**

|                |        |                                         |
|----------------|--------|-----------------------------------------|
| Interface type | Gender | Standard                                |
| BNC            | plug   | IEC 60169-8_MIL-STD-348A/301_CECC 22120 |

**Interface and material data**

|                 |                                |                                   |
|-----------------|--------------------------------|-----------------------------------|
| Piece parts     | Material                       | Plating                           |
| Centre contact  | Brass                          | Gold Plating (Nickel underplated) |
| Outer conductor | Brass                          | SUCOPLATE (R) Plating             |
| Body            | Brass                          | SUCOPLATE (R) Plating             |
| Insulator       | PTFE (Polytetrafluoroethylene) |                                   |
| Coupling nut    | Brass                          | SUCOPLATE (R) Plating             |
| Gasket          | VMQ (Silicone rubber)          |                                   |
| Crimp ferrule   | Copper                         | SUCOPLATE (R) Plating             |

**Electrical data**

|                     |             |
|---------------------|-------------|
| Impedance           | 50 $\Omega$ |
| Interface frequency | 4 GHz       |

**Electrical Data (frequency related)**

| Frequency range   | Return loss | VSWR  |
|-------------------|-------------|-------|
| 0.1 GHz ... 2 GHz | 34.2 dB     | 1.04  |
| 2 GHz ... 4 GHz   | 27.5 dB     | 1.088 |

**Mechanical data**

|                            |          |
|----------------------------|----------|
| Mating cycles              | 500      |
| Cable entry centre contact | soldered |
| Cable entry outer contact  | crimped  |

**COAXIAL CONNECTOR, BNC, 50 Ohm, Right angle cable plug (male)**

16\_BNC-50-7-9/133\_N

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

| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 85071432            | 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 |
| 85071432                   | 16_BNC-50-7-9/133_NE | Single         |

| Suitable cables |                     |
|-----------------|---------------------|
| Cable group     | X32 - 7 mm / 50 Ohm |
|                 | U30 - 7 mm / 50 Ohm |
| Suitable cables | SPUMA_400           |

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

| Suitable tools |                  |               |
|----------------|------------------|---------------|
| Item number    | Item description | Type of tool  |
| 22543195       | 76_Z-0-7-1       | Crimping dies |

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