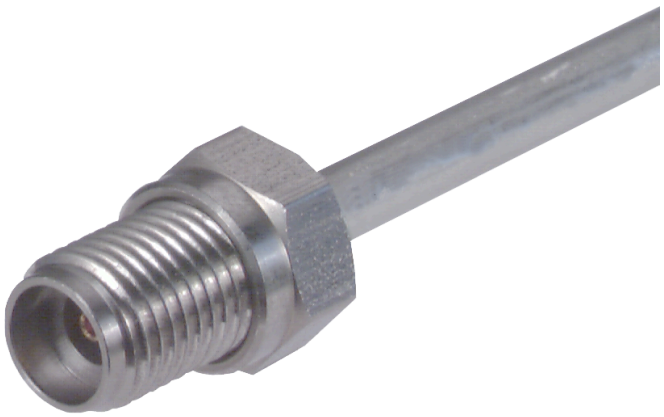
DATA SHEET

# COAXIAL CONNECTOR, SK, 50 Ohm, Straight cable jack (female)

21_SK-50-2-51/199_N

## Properties

- The shortened male pin ensures a non-destructive mating process
- Particularly well suited for semi-rigid, semi-flex and flexible cable
- Mechanical intermateable with PC 3.5 (3.5 mm standard) and SK (2.92 mm standard)



| Product configuration | | |
|---|---|---|
| Interface type | Gender | Standard |
| SK | jack | MIL-STD-348A/323 |

| Interface and material data | | |
|---|---|---|
| Piece parts | Material | Plating |
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor | Stainless steel | |
| Body | Stainless steel | |
| Insulator | PPE (Polyphenylene ether, PPO) | |

| Electrical data | |
|---|---|
| Impedance | 50 Ω |
| Interface frequency | 40 GHz |

| Electrical Data (frequency related) | | |
|---|---|---|
| **Frequency range** | **Return loss** | **VSWR** |
| 0 GHz ... 40 GHz | 20.83 dB | 1.2 |

| Mechanical data | |
|---|---|
| Weight | 0.0029 kg |
| Mating cycles | 500 |
| Cable entry centre contact | plugged |
| Cable entry outer contact | soldered |

| Environmental data | |
|---|---|
| Operation temperature | -40 °C ... 125 °C |

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| Material compliance | | | |
|---|---|---|---|
| Item number | Directive / Regulation | Rating | Exemptions / Details |
| 22645973 | 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 |
| 22645973 | 21_SK-50-2-51/199_NE | Single |

| Suitable cables | |
|---|---|
| Cable group | Y10 - 2 mm / 50 Ohm |

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

| Suitable tools | | |
|---|---|---|
| Item number | Item description | Type of tool |
| 22544715 | 74_Z-0-0-68 | Knives / Blades |
| 22544557 | 74_Z-0-0-58 | Assembly tool |
| 23024588 | 74_Z-0-0-442 | Soldering tool |
| 22646290 | 74_Z-0-0-264 | Trimming tool |
| 22646133 | 74_Z-0-0-233 | Support |
| 22643029 | 74_Z-0-0-157 | Cable stripping tool |
| 84013062 | 74_Z-0-0-452 | |


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