

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

16_MCX-50-1-7/111_N

Properties

- Small size
- Easy to connect and disconnect
- Wide range of board connectors and cable connectors available



| Product configuration | | |
|-----------------------|--------|-------------------------|
| Interface type | Gender | Standard |
| MCX | plug | IEC 60169-36_CECC 22220 |

| Interface and material data | | |
|-----------------------------|------------------------|--|
| Piece parts | Material | Plating |
| Centre contact | Brass | Gold Plating (Nickel underplated) |
| Outer conductor | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Body | Brass | Gold Plating (Nickel underplated) |
| Insulator | PFA / PTFE | |
| Crimp ferrule | Copper | Gold Plating (without Nickel underplating) |

| Electrical data | |
|---------------------|-------|
| Impedance | 50 Ω |
| Interface frequency | 6 GHz |

| Mechanical data | |
|----------------------------|-----------|
| Weight | 0.0013 kg |
| Mating cycles | 500 |
| Cable entry centre contact | soldered |
| Cable entry outer contact | crimped |

| Engagement / Disengagement force | | |
|----------------------------------|------------|---------------|
| | Engagement | Disengagement |
| Interface force min | | 8 N |
| Interface force max | 25 N | 20 N |

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| Environmental data | |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 155 °C |

| Material compliance | | | |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number | Directive / Regulation | Rating | Exemptions / Details |
| 23000443 | 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 |
| 23000443 | 16_MCX-50-1-7/111_NH | Bulk 100 pcs |

| Suitable cables | |
|-----------------|--------------------|
| Cable group | U1 - 1 mm / 50 Ohm |
| Suitable cables | RG_196_A/U |
| | RG_178_B/U |

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

| Suitable tools | | |
|----------------|------------------|---------------|
| Item number | Item description | Type of tool |
| 22543139 | 74_Z-0-0-30 | Assembly tool |

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DOCUMENT PIM-P3136 / Date of publication: 12.07.2025 / uncontrolled copy