

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

16_MMBX-50-2-4/111_N

Properties

- Smallest board-to-board distance
- Very high frequencies
- Excellent return loss values
- Blind mateable
- Reliable and secure connection



| Product configuration | | |
|-----------------------|--------|-------------------|
| Interface type | Gender | Standard |
| MMBX | plug | HUBER+SUHNER-MMBX |

| Interface and material data | | |
|-----------------------------|------------------------|-----------------------------------|
| Piece parts | Material | Plating |
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer conductor | Copper Beryllium Alloy | SUCOPRO Plating |
| Body | Brass | SUCOPRO Plating |
| Insulator | PFA / PTFE | |

| Electrical data | |
|---------------------|----------|
| Impedance | 50 Ω |
| Interface frequency | 12.4 GHz |

| Electrical Data (frequency related) | | |
|-------------------------------------|-------------|------|
| Frequency range | Return loss | VSWR |
| 0 GHz ... 2.5 GHz | 29 dB | 1.07 |
| 2.5 GHz ... 6 GHz | 18 dB | 1.29 |
| 6 GHz ... 12.4 GHz | 9 dB | 2.10 |

| Mechanical data | |
|----------------------------|-----------|
| Weight | 0.0007 kg |
| Mating cycles | 100 |
| Cable entry centre contact | soldered |
| Cable entry outer contact | soldered |

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

16_MMBX-50-2-4/111_N

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

| Ordering Information Table | | |
|----------------------------|-----------------------|----------------|
| Item number | Item description | Packaging type |
| 84026740 | 16_MMBX-50-2-4/111_NE | Single |
| 23033281 | 16_MMBX-50-2-4/111_NH | Bulk 100 pcs |

| Suitable cables | |
|-----------------|---------------------|
| Cable group | Y11 - 2 mm / 50 Ohm |
| Suitable cables | MULTIFLEX_86 |

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

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P3119 / Date of publication: 25.11.2023 / uncontrolled copy