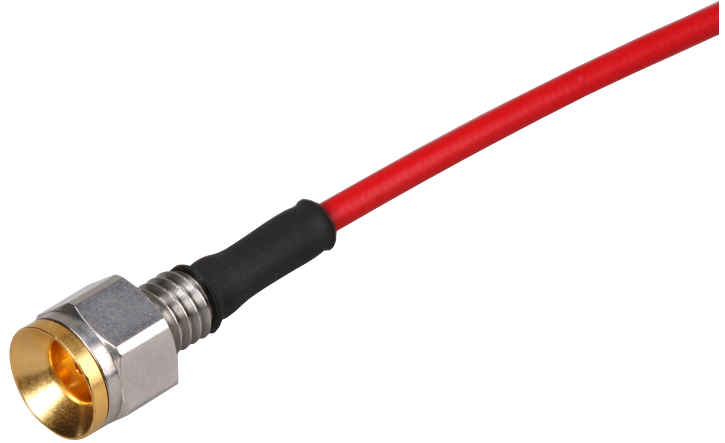


# COAXIAL CONNECTOR, MBX, 50 Ohm, Straight bulkhead cable jack (female)

24\_MBX-50-2-1/113\_N

## Properties

- Very high axial float – best in class
- Excellent return loss values
- Blind mateable
- Reliable and secure connection



## Product configuration

|                |        |                  |
|----------------|--------|------------------|
| Interface type | Gender | Standard         |
| MBX            | jack   | HUBER+SUHNER MBX |

## Interface and material data

|                 |                        |                       |
|-----------------|------------------------|-----------------------|
| Piece parts     | Material               | Plating               |
| Centre contact  | Copper Beryllium Alloy | SUCOPRO Plating       |
| Outer conductor | Brass                  | SUCOPRO Plating       |
| Body            | Brass                  | SUCOPLATE (R) Plating |
| Insulator       | PFA / PTFE / LCP       |                       |

## Electrical data

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

## Mechanical data

|                            |             |
|----------------------------|-------------|
| Weight                     | 0.004879 kg |
| Mating cycles              | 100         |
| Cable entry centre contact | plugged     |
| Cable entry outer contact  | soldered    |

## Environmental data

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

## Ordering Information Table

|             |                      |                |
|-------------|----------------------|----------------|
| Item number | Item description     | Packaging type |
| 84148221    | 24_MBX-50-2-1/113_NH | Bulk 100 pcs   |

**COAXIAL CONNECTOR, MBX, 50 Ohm, Straight bulkhead cable jack (female)**

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| Suitable cables        |                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cable group            | Y3 - 2 mm / 50 Ohm                                                                                                                                                                        |
|                        | Y16 - 2 mm / 50 Ohm                                                                                                                                                                       |
|                        | Y11 - 2 mm / 50 Ohm                                                                                                                                                                       |
| Suitable cables        | SUCOFORM_86                                                                                                                                                                               |
|                        | MULTIFLEX_86                                                                                                                                                                              |
|                        | SR_86_CU_TP_M17                                                                                                                                                                           |
| Additional Information |                                                                                                                                                                                           |
| Remarks                | Because of the SUCOPLATE body slight discoloration may appear on the solder joint, which has got no influence on the specified technical characteristics of the connector/cable assembly. |
| 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.  
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