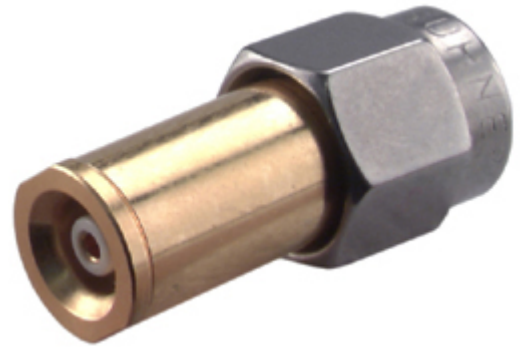


Between Series Adaptor 33_SMA-MMBX-50-1/119_N

Description

Adaptor plug/jack
SMA plug (male) / MMBX jack (female)

Interface standards
Series SMA - IEC 60169-15_MIL-STD-348A/310_CECC 22110
Series MMBX - SUHNER-MMBX



Technical Data

Electrical Data

| | | | |
|--------------------------|---------------|--------------|---------------|
| Impedance | 50 Ω | | |
| Interface frequency max. | 6 GHz | | |
| Frequency range | DC to 2.5 GHz | 2.5 to 6 GHz | 6 to 12.4 GHz |
| Return loss | ≥ 32 dB | ≥ 30 dB | ≥ 16 dB |

Mechanical Data

| | |
|-------------------|-----------|
| Number of matings | 500 |
| Weight | 0.0039 kg |

Environmental Data

| | |
|--|------------------|
| Operating temperature | -55 °C to 155 °C |
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |

Material Data

Interface - SMA plug (male)

| Piece Parts | Material | Surface Plating |
|----------------|------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Body | Copper Beryllium Alloy | SUCOPRO Plating |
| Insulator | PFA / PTFE | |
| Coupling nut | Stainless Steel | Passivated (Plating) |

Interface - MMBX jack (female)

| Piece Parts | Material | Surface Plating |
|----------------|------------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy | Gold Plating (Nickel underplated) |
| Outer contact | Brass | SUCOPRO Plating |
| Body | Brass | SUCOPRO Plating |
| Insulator | LCP (Liquid crystal polymer) | |

Related Documents

| | |
|-----------------|--------------|
| Outline drawing | DOU-00013970 |
|-----------------|--------------|

Ordering Information

| | |
|----------------|-------------------------|
| Single package | 33_SMA-MMBX-50-1/119_NE |
|----------------|-------------------------|