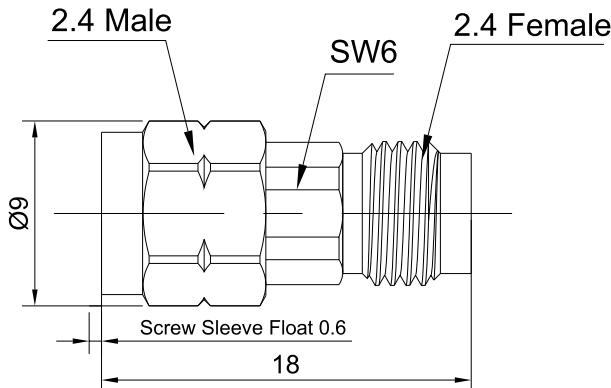


DC Block on Inner Conductor 2.4mm Male to 2.4mm Female Operating P/N: FR5-GDCB-50G-24E  
from 10 MHz to 50 GHz



Dimensions are in mm

## Product Configuration

|                               |          |
|-------------------------------|----------|
| Connector-In Series           | 2.4mm    |
| Connector-In Polarity         | Standard |
| Connector-In Gender           | Male     |
| Connector-In Impedance (Ohm)  | 50       |
| Connector-Out Series          | 2.4mm    |
| Connector-Out Polarity        | Standard |
| Connector-Out Gender          | Female   |
| Connector-Out Impedance (Ohm) | 50       |
| Block Type                    | Inner    |

## Mechanical Data

|                             |                 |
|-----------------------------|-----------------|
| Min. Mating Cycles          | ≥500            |
| Body Material               | Stainless Steel |
| Body Plating                | Passivated      |
| Connector In Body Material  | Stainless Steel |
| Connector In Body Plating   | Passivated      |
| Connector Out Body Material | Stainless Steel |
| Connector Out Body Plating  | Passivated      |

**DC Block on Inner Conductor 2.4mm Male to 2.4mm Female Operating P/N: FR5-GDCB-50G-24E**  
from 10 MHz to 50 GHz

### Electrical Specifications

|                         |             |
|-------------------------|-------------|
| VSWR / Return Loss      | <1.4        |
| Insertion Loss          | ≤0.6dB      |
| Frequency Range         | 10MHz-50GHz |
| Voltage, DC Max (Volts) | +50         |

### Environmental Specifications

|                             |                   |
|-----------------------------|-------------------|
| RoHS Compliant              | Yes               |
| Operating Temperature Range | -55 °C to +100 °C |