

## DC-block

### DESCRIPTION

- DC-blocking of both conductor and ground for galvanic separation.
- High RF power rating.
- High DC voltage rating.
- Large frequency range.
- Available with N- or 7/16 DIN-connectors.
- Fits directly into the coaxial line.
- Can be installed in any direction.



### SPECIFICATIONS

| Electrical                  |  |
|-----------------------------|--|
| Model                       | DC-BLK-2.5G-...  |
| Frequency                   | R1: 50 - 500 MHz<br>R2: 800 - 1100 MHz<br>R3: 1700 - 2500 MHz  |
| Type                        | DC-block   |
| Max. Input Power            | 250 W  |
| Insertion Loss              | 0.4 dB   |
| Max. Voltage                | 1 kV DC (Input centre to output centre conductor)<br>1.4 kV DC (Centre conductor to ground)<br>2 kV DC (Input ground to output ground) |
| VSWR                        | R1: < 1.2:1<br>R2: < 1.2:1<br>R3: < 1.3:1  |
| Mechanical                  |  |
| Connection(s)               | N or 7/16 DIN (see ordering designations)  |
| Installation Torque         | 25 - 30 Nm   |
| Dimensions                  | 70 x 40 x 38 mm / 2.76 x 1.57 x 1.50 in. with N-connector<br>85 x 40 x 38 mm / 3.35 x 1.57 x 1.50 in. with 7/16 DIN-connector          |
| Tools                       | Torque wrench and a 24 mm wrench for back stop   |
| Weight                      | 0.15 kg / 0.33 lb. with N-connector<br>0.23 / 0.52 lb. with 7/16 DIN-connector   |
| RoHS Compliant              | Yes  |
| Mounting                    | ø4.2 mm (4 holes)  |
| Maintenance                 | None   |
| Environmental               |  |
| Operating temperature range | -30 °C to +60 °C   |
| Ingress Protection          | IP65   |

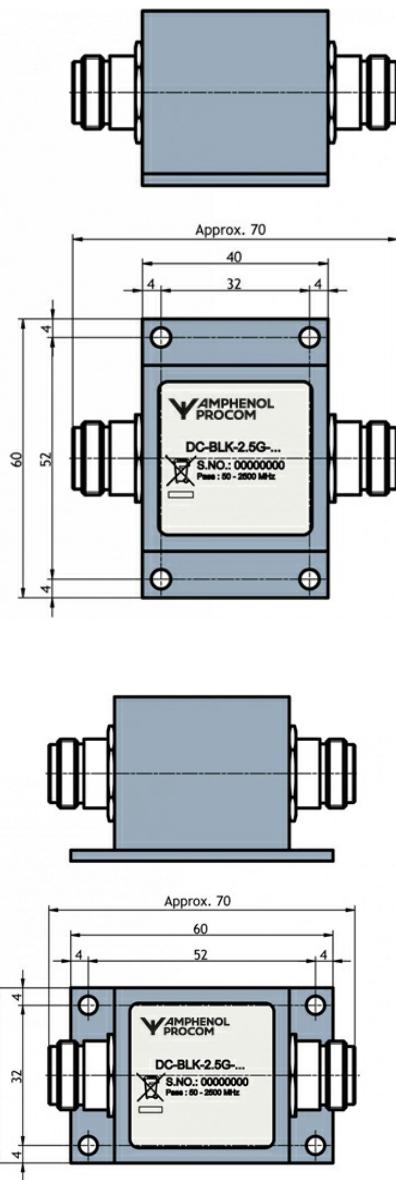
### ORDERING

| Model                       | Product No. |
|-----------------------------|-------------|
| DC-BLK-2.5G-N(f)-(f)        | 210001801   |
| DC-BLK-2.5G-N(m)-(f)        | 210001802   |
| DC-BLK-2.5G-7/16 DIN(f)-(f) | 210001803   |
| DC-BLK-2.5G-7/16 DIN(m)-(f) | 210001804   |

## MOUNTING DETAILS

THE MOUNTING PLATE CAN BE TURNED 90 DEGREES AS AN OPTION.

- Remove the 4 screws.
- Turn the plate.
- Mount the plate with the 4 screws.



All dimensions are given in mm.

