

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 R2: 800 - 1100 MHz 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) 1.4 kV DC (Centre conductor to ground) 2 kV DC (Input ground to output ground)
VSWR	R1: < 1.2:1 R2: < 1.2:1 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 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 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 to 60 °C
Ingress Protection	IP65

ORDERING

Type	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.

