

# EBLOCK-00001-N

---

Wide Band dc Block, 380–2700 MHz, with interface types N Female and N Male



## Product Classification

**Product Type** dc Block

## General Specifications

**Body Style** Straight

**Inner Contact Plating** Silver

**Interface** N Female

**Interface 2** N Male

**Outer Contact Plating** Silver

**Pressurizable** No

## Dimensions

**Height** 42 mm | 1.654 in

**Width** 42 mm | 1.654 in

**Length** 88 mm | 3.465 in

## Electrical Specifications

**3rd Order IMD** -112 dBm

**3rd Order IMD Test Method** Two +43 dBm carriers

**Cable Impedance** 50 ohm

**CW Power** 250 W

**dc Test Voltage** 3000 V

**Operating Frequency Band** 380 – 2700 MHz

## VSWR/Return Loss

# EBLOCK-00001-N

Frequency Band	VSWR	Return Loss (dB)	Insertion Loss (dB)
380–520 MHz	1.2	20.83	0.25
520–960 MHz	1.2	20.83	0.25
960–2200 MHz	1.2	20.83	0.25
2200–2500 MHz	1.2	20.83	0.25
2500–2700 MHz	1.2	20.83	0.25

## Mechanical Specifications

<b>Attachment Durability</b>	25 cycles
<b>Coupling Nut Proof Torque</b>	5 N-m   44.254 in lb
<b>Interface Durability</b>	500 cycles
<b>Interface Durability Method</b>	IEC 61169-16:9.5

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +55 °C (-40 °F to +131 °F)
<b>Storage Temperature</b>	-40 °C to +55 °C (-40 °F to +131 °F)
<b>Attenuation, Ambient Temperature</b>	20 °C   68 °F
<b>Average Power, Ambient Temperature</b>	40 °C   104 °F
<b>Corrosion Test Method</b>	IEC 60068-2-11
<b>Water Jetting Test Mating</b>	Mated
<b>Water Jetting Test Method</b>	IEC 60529:2001, IP40

## Packaging and Weights

<b>Weight, net</b>	0.299 kg   0.66 lb
--------------------	--------------------

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

