Inner DC Block

DCB18S1A



9KHz-18GHz, SMA, 50 Volts

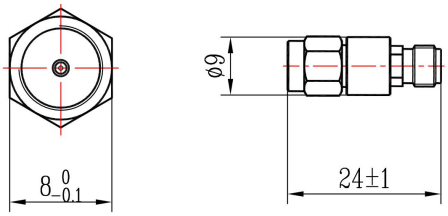
Electrical & Environmental

Impedance	50 ohm
Frequency Range	9 KHz-18 GHz
VSWR	1.3 max
Insertion Loss	0.9dB max
Voltage Rating	50 Volts max
Operating Temp	-55℃ to 100℃
RoHS	Compliant

Mechanical

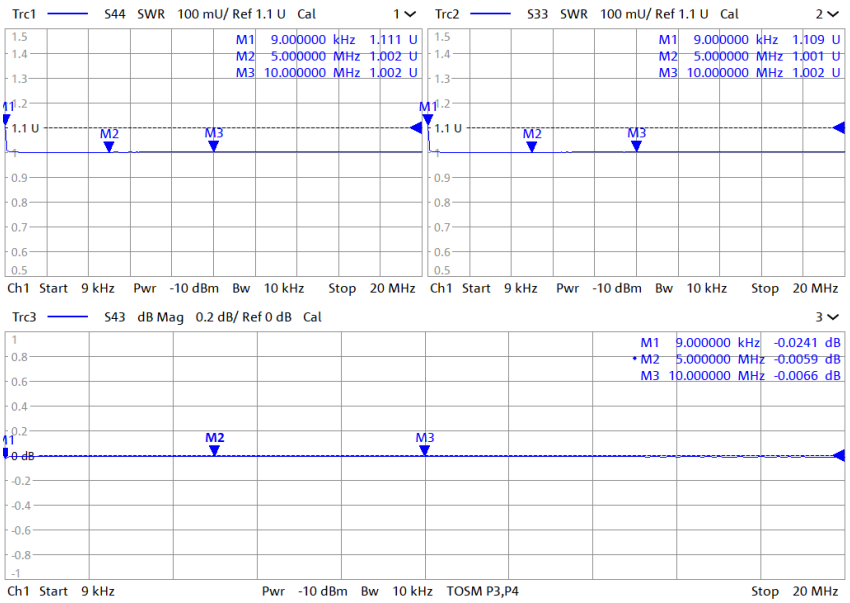
Connector	SMA female to SMA male (other configurations available)
Connector Body	Passivated Stainless Steel
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 5g

Dimensions(mm)

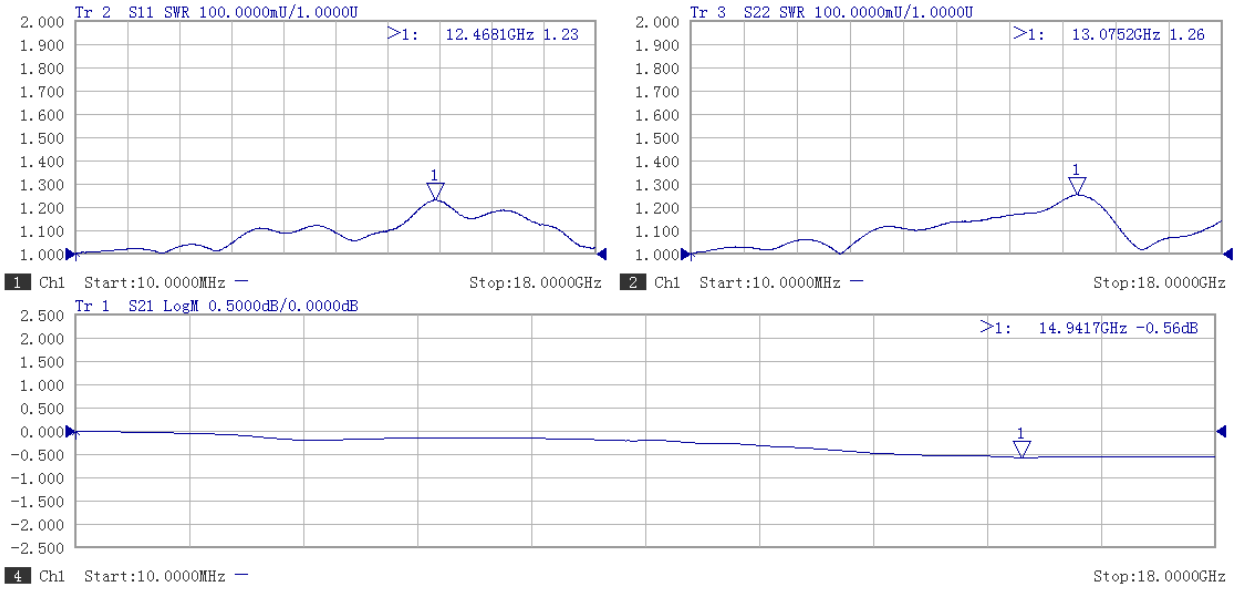


Typical Test Data

9KHz-20MHz



10MHz-18GHz


Tr 2 S11 SWR 100.0000mU/1.0000U
>1: 12.4681GHz 1.23
2.000
1.900
1.800
1.700
1.600
1.500
1.400
1.300
1.200
1.100
1.000
1 Ch1 Start:10.0000MHz
Stop:18.0000GHz
Tr 3 S22 SWR 100.0000mU/1.0000U
>1: 13.0752GHz 1.26
2 Ch1 Start:10.0000MHz
Stop:18.0000GHz
Tr 1 S21 LogM 0.5000dB/0.0000dB
>1: 14.9417GHz -0.56dB
2.500
2.000
1.500
1.000
0.500
0.000
-0.500
-1.000
-1.500
-2.000
-2.500
4 Ch1 Start:10.0000MHz
Stop:18.0000GHz