

Coaxial DC Block

0.01 to 18 GHz

BLK-18

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Max. DC input voltage	50V

Features

- broadband performance
- low insertion loss
- rugged unibody construction
- off-the-shelf availability

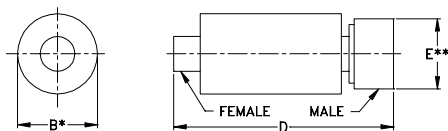


CASE STYLE: FF888
 CONNECTOR: SMA (F) - SMA (M)
 PRICE: \$21.95 ea.
 QTY. (1-9)

Applications

- test and measurement instrumentation
- communication systems
- defense systems

Outline Drawing



B-OVERALL BODY DIMENSION
 * MAX
 ** ACROSS FLATS

Outline Dimensions (inch mm)

B	D	E	wt.
.46	1.18	.31	grams
11.68	29.97	7.87	7.0

Electrical Specifications at 25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)		RETURN LOSS (dB)	
	Typ.	Max.	Typ.	Min.
0.01-0.1	0.02	0.2	26	20
0.1-1.0	0.07	0.3	36	20
1.0-4.0	0.15	0.5	24	20
4.0-8.0	0.38	1.0	18	15
8.0-18	1.00	—	12	—

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	
		MALE	FEMALE
10.00	0.05	28.49	28.48
50.00	0.03	45.13	45.06
100.00	0.03	50.04	50.34
300.00	0.05	39.11	39.36
500.00	0.07	35.50	35.89
700.00	0.11	34.05	34.48
900.00	0.10	32.59	33.09
1000.00	0.10	31.87	32.59
2000.00	0.10	28.84	28.45
3000.00	0.12	26.71	25.78
4000.00	0.20	24.84	24.46
5000.00	0.28	22.08	23.35
6000.00	0.35	19.95	21.73
7000.00	0.41	20.10	20.67
8000.00	0.47	17.98	18.83
10000.00	0.64	15.04	15.60
12000.00	0.80	14.59	12.85
14000.00	0.99	12.82	12.36
16000.00	1.08	13.07	12.06
18000.00	1.03	16.78	12.60

