

Coaxial DC Block SMA

0.0001 to 8 GHz

NEW!
BLK-89



CASE STYLE: FF888
CONNECTOR: SMA (F) - SMA (M)
PRICE: \$14.95 ea.
QTY. (1-9)

Maximum Ratings

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

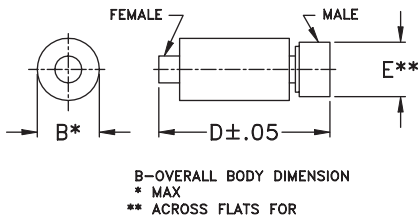
Features

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

Applications

- test and measurement instrumentation
- communication systems
- defense systems

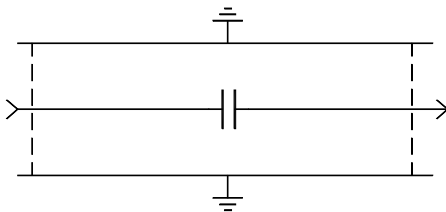
Outline Drawing



Outline Dimensions (inch/mm)

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

Schematic



Electrical Specifications at 25°C

FREQUENCY (GHz)	INSERTION LOSS (dB)		RETURN LOSS (dB)	
	Typ.	Max.	Typ.	Min.
0.0001-0.1	.010	.09	40	20
0.01-1.0	0.10	0.3	36	25
1.0-4.0	0.15	0.8	24	18
4.0-8.0	0.5	0.9	20	13

Typical Performance Data

FREQUENCY (MHz)	INSERTION LOSS (dB)	RETURN LOSS (dB)	
		MALE	FEMALE
0.3	0.01	31.86	31.89
0.6	0.01	32.19	32.23
0.9	0.01	32.52	32.58
1.0	0.01	32.63	32.69
50.0	0.02	48.75	48.76
100.0	0.03	44.40	44.44
200.0	0.04	40.26	40.33
300.0	0.05	37.96	38.27
400.0	0.06	36.24	36.45
500.0	0.06	34.94	35.08
700.0	0.07	32.57	32.78
800.0	0.08	31.67	31.84
900.0	0.08	30.86	31.04
1000.0	0.09	30.27	30.41
2000.0	0.12	26.09	26.06
3000.0	0.18	24.48	24.04
4000.0	0.24	22.65	22.58
5000.0	0.41	20.64	21.77
6000.0	0.47	20.26	22.30
7000.0	0.42	19.52	21.11
8000.0	0.51	17.29	18.16

