

# Coaxial DC Block N-Type

50Ω 10 MHz to 6 GHz

## BLK-6+



CASE STYLE: FF779

Connectors	Model	Price	Qty.
N-Type	BLK-6-N+	\$23.95 ea.	(1-9)

**+ RoHS compliant in accordance with EU Directive (2002/95/EC)**

*The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.*

### Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
DC Input Voltage	50V Max.

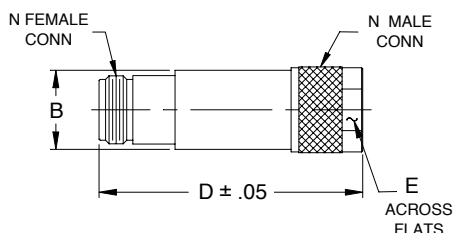
### Features

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

### Application

- test and measurement instrumentation
- communication systems
- defense systems

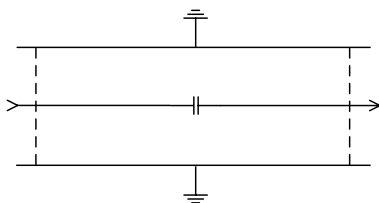
### Outline Drawing



### Outline Dimensions (inch/mm)

B	D	E	wt.
.68	2.11	.718	grams
17.27	53.59	18.24	72.5

### Electrical Schematic

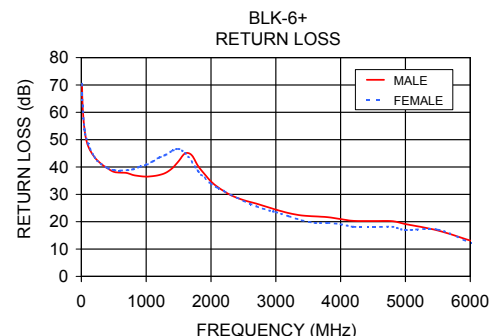
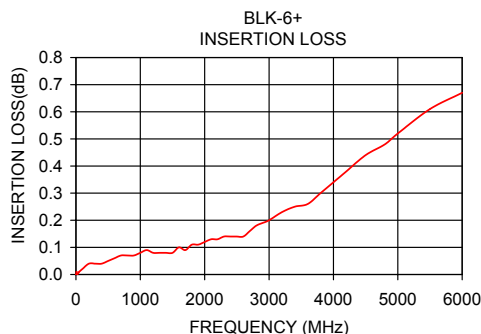


### Electrical Specifications at 25°C

FREQUENCY (MHz)	INSERTION LOSS (dB)		RETURN LOSS (dB)	
	Typ.	Max.	Typ.	Min.
10 - 1000	0.05	0.20	45	28
1000 - 3000	0.12	0.40	30	18
3000 - 4000	0.25	0.60	22	14
4000 - 6000	0.50	1.20	17	-

### Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)	
		Male	Female
10	0.01	70.05	70.42
50	0.01	53.51	53.56
100	0.02	47.91	48.73
300	0.04	41.28	41.19
500	0.05	38.24	38.85
700	0.07	37.80	38.80
900	0.07	36.66	40.09
1000	0.08	36.47	40.75
1500	0.08	42.12	46.59
2000	0.12	34.69	33.85
2500	0.14	27.90	27.63
3000	0.20	24.41	23.46
3400	0.25	22.26	20.51
3800	0.30	21.66	19.56
4000	0.34	20.94	19.07
5000	0.52	19.14	16.94
6000	0.67	13.09	12.23



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