

DC Block N-Type

50Ω 10 MHz to 6 GHz

BLK-6+



CASE STYLE: FF779

Maximum Ratings

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

Permanent damage may occur if any of these limits are exceeded.

Features

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

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

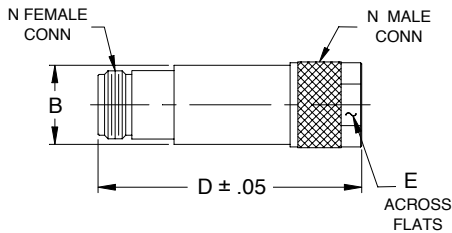
Application

- test and measurement instrumentation
- communication systems
- defense systems

+ 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.

Outline Drawing



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	-

Outline Dimensions (inch/mm)

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

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

Electrical Schematic

