

# DC Block BNC

## BLK-222-75+

75Ω 10 MHz to 2.2 GHz

### Maximum Ratings

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

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

### Features

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



CASE STYLE: FF747

BNC Connectors	Model	Price	Qty.
Female-Male	BLK-222-75+	\$24.95 ea.	(1-9)

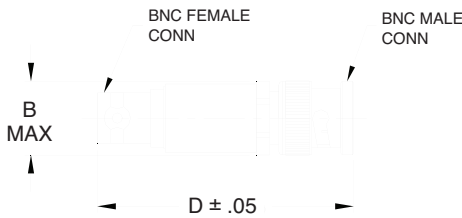
### +RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

### Applications

- Industrial Microwave & RF
- test and measurement instrumentation
- communication systems
- defense systems

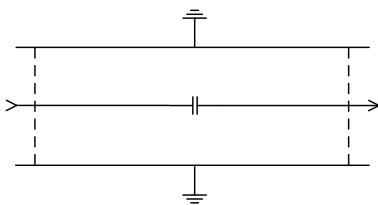
### Outline Drawing



### Outline Dimensions (inch/mm)

B	D	wt.
.62	1.94	grams
15.75	49.28	30.0

### Electrical Schematic



### Electrical Specifications at 25°C

FREQUENCY (MHz)	INSERTION LOSS (dB)		RETURN LOSS (dB)	
	Typ.	Max.	Typ.	Min.
10 - 100	0.02	0.10	44	33
100 - 500	0.05	0.20	30	22
500 - 1000	0.08	0.30	25	17
1000 - 2200	0.15	0.70	23	16

### Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)	
		Male	Female
10	0.00	41.72	41.71
50	0.01	45.46	45.67
100	0.01	42.05	41.79
200	0.04	36.07	36.30
400	0.08	30.17	30.06
500	0.08	27.98	28.22
600	0.11	26.42	26.92
800	0.09	24.53	25.31
900	0.07	23.89	24.56
1000	0.06	23.63	24.18
1200	0.04	23.05	24.72
1400	0.06	22.50	24.53
1500	0.09	22.75	23.96
1600	0.13	22.67	23.24
1800	0.22	22.68	23.81
1900	0.20	22.18	24.24
2200	0.05	22.13	22.12

