

DC Block N-Type

50Ω 10 MHz to 6 GHz

BLK-6+

CASE STYLE: FF779

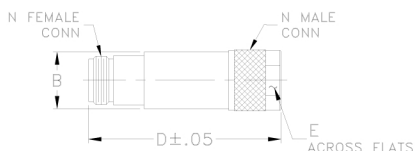
Maximum Ratings

Operating Temperature -55°C to 100°C

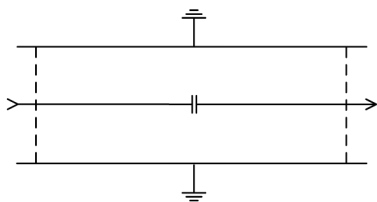
Storage Temperature -55°C to 100°C

DC Input Voltage 50V Max.

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

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**Features**

- Low insertion loss
- Rugged unibody construction
- Off-the-shelf availability

Application

- Test and measurement instrumentation
- Communication systems
- Defense systems

+RoHS Compliant

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

Electrical Specifications at 25°C

FREQUENCY (MHz)	INSERTION LOSS (dB)		RETURN LOSS (dB)	
	Typ.	Max.	Typ.	Min.
10 - 1000	0.05	0.25	45	28
1000 - 3000	0.12	0.70	30	18
3000 - 4000	0.25	0.90	22	14
4000 - 6000	0.50	1.20	17	-

Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)	
		Male	Female
10	0.00	66.43	65.67
175	0.03	43.89	44.05
340	0.05	41.05	41.77
505	0.06	39.74	40.45
670	0.08	39.23	40.29
835	0.09	39.87	40.99
1000	0.10	41.36	42.38
2000	0.15	31.09	30.24
2667	0.21	24.19	23.87
3000	0.25	22.69	22.09
3333	0.31	22.04	20.68
3500	0.35	21.86	20.04
3833	0.46	21.33	18.57
4000	0.54	20.84	17.77
4571	0.76	17.64	15.26
5714	0.77	13.15	13.62
6000	0.81	12.10	12.92

