

Band Stop Filter

NSBP-108+

50Ω 88 to 108 MHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.5W at 25°C
Permanent damage may occur if any of these limits are exceeded.	

Features

- High FM Frequency Rejection
- Good Return Loss, 20 dB Typ @ Pass Band

Application

- FM Radio Rejection
- Transmitters/Receivers
- Lab Use



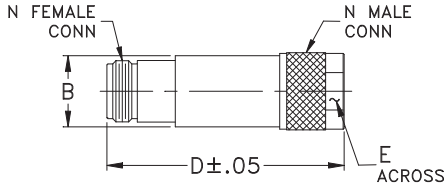
CASE STYLE: FF967

Connectors	Model	Price	Qty.
N-type	NSBP-108+	\$129.00 ea.	(1-9)

+RoHS Compliant

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

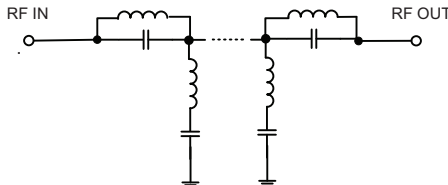
Outline Drawing



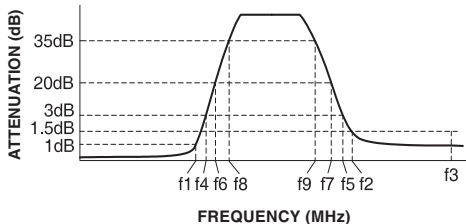
Outline Dimensions (inch mm)

B	D	E	wt.
.68	2.43	.718	grams
17.27	61.72	18.24	73.0

Functional Schematic



Typical Frequency Response

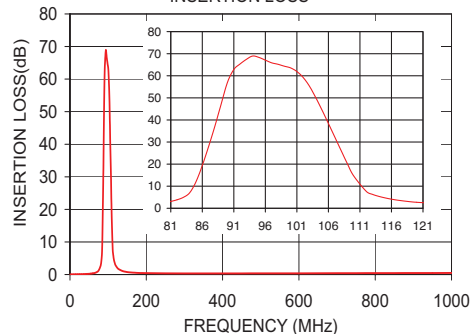


Band Stop Filter Electrical Specifications (T_{AMB} = 25°C)

MODEL NO.	STOPBANDS (MHz)		Loss 3dB Typ. f4, f5	PASSBANDS (MHz)		VSWR (:1)	
	(Loss > 20dB) f6-f7	(Loss > 35dB) f8-f9		Loss < 1dB f1	Loss < 1.5dB f2,f3	Stopband Typ.	Passband Typ.
NSBP-108+	88-108	89-105	81 & 120	65	140-1000	3.4	1.3

Typical Performance Data at 25°C

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)
1	0.02	1.01
65	0.48	1.13
70	0.72	1.10
75	1.21	1.18
81	3.11	1.39
83	4.96	1.40
87	27.99	3.88
88	37.25	4.32
89	47.24	4.64
90	57.09	4.88
105	44.40	4.17
108	26.23	2.90
109	20.24	2.32
116	4.13	1.56
120	2.72	1.38
140	1.00	1.16
150	0.76	1.09
300	0.34	1.16
600	0.37	1.21
1000	0.49	1.31

 NSBP-108+
INSERTION LOSS

 NSBP-108+
VSWR
