

Coaxial

Low Pass Filter

75Ω DC to 11 MHz

Maximum Ratings

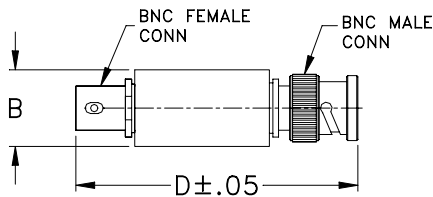
Operating Temperature -55°C to 100°C

Storage Temperature -55°C to 100°C

RF Power Input 0.5W max.

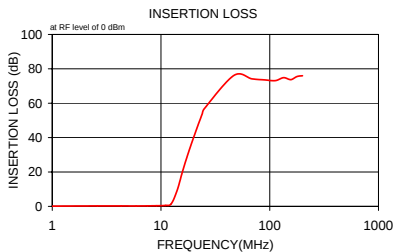
Permanent damage may occur if any of these limits are exceeded.

Outline Drawing



Outline Dimensions (inch/mm)

B	D	wt
.54	2.59	grams
13.72	65.79	40.0



Features

- rugged shielded case
- other standard and custom BLP models available with wide selection of fco

Applications

- test equipment
- lab use
- video equipment

**BLP-10.7-75+
BLP-10.7-75**


CASE STYLE: FF55

Connectors	Model	Price	Qty.
BNC	BLP-10.7-75(+)	\$33.95 ea.	(1-9)

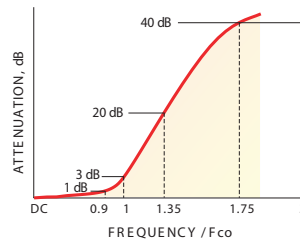
+ RoHS compliant in accordance with EU Directive (2002/95/EC)

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

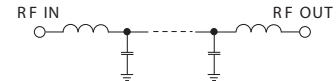
Low Pass Filter Electrical Specifications

PASSBAND (MHz)	fco (MHz) Nom.	STOPBAND (MHz)	VSWR (:1)
(loss < 1 dB)	(loss 3 dB)	(loss > 20 dB) (loss > 40 dB)	Passband Typ. Stopband Typ.
DC-11	14	19-24 24-200	1.7 18

typical frequency response

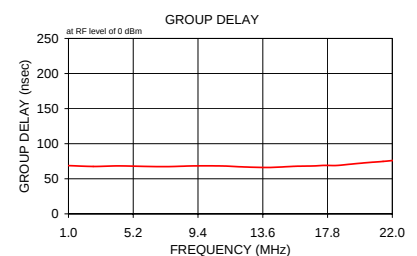
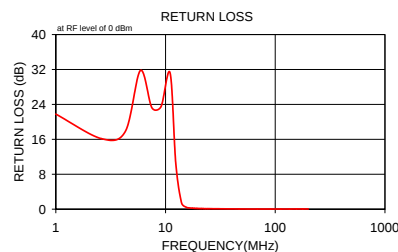


electrical schematic



Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)	Frequency (MHz)	Group Delay (nsec)
$\bar{x}$	σ			
1.00	0.11	0.00	1.00	68.81
2.60	0.23	0.01	1.12	67.57
4.30	0.24	0.01	1.24	68.38
5.90	0.22	0.01	1.38	67.69
7.50	0.30	0.01	1.54	67.33
9.10	0.37	0.01	1.71	68.36
11.00	0.52	0.02	1.90	68.28
12.40	1.45	0.12	2.11	66.85
14.00	8.90	0.31	2.35	66.16
15.60	19.20	0.26	2.61	67.72
16.30	23.22	0.24	2.90	68.04
17.00	26.93	0.23	3.22	68.32
17.60	29.90	0.23	3.58	69.11
18.30	33.15	0.21	3.98	68.90
19.00	36.20	0.22	4.42	70.18
19.70	39.07	0.23	4.91	71.73
20.60	42.53	0.28	5.46	73.45
21.40	45.54	0.27	6.07	74.72
22.30	48.58	0.35	6.75	76.69
23.10	51.17	0.36	7.50	78.91
24.00	53.98	0.26	8.33	82.64
24.90	56.67	0.48	9.26	88.48
46.80	76.14	1.09	10.29	99.26
68.70	74.18	1.65	11.00	111.04
90.60	73.55	1.76	12.82	151.87
112.50	73.13	1.14	14.00	113.88
134.30	74.86	0.92	15.97	48.35
156.20	73.72	1.40	17.75	28.43
178.10	75.53	2.93	19.00	21.51
200.00	75.97	4.06	22.00	11.34



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