

Coaxial

Low Pass Filter

50Ω DC to 700 MHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.5W max.

Features

- good attenuation rate, 1.35 typ. 20dB/3dB BW ratio
- rugged shielded case
- other SLP models available with wide selection of cut-off frequencies

Applications

- lab use
- test equipment
- video equipment

SLP-750+
SLP-750

CASE STYLE: FF99

Connectors	Model	Price	Qty.
SMA	SLP-750(+)	\$34.95 ea.	(1-9)

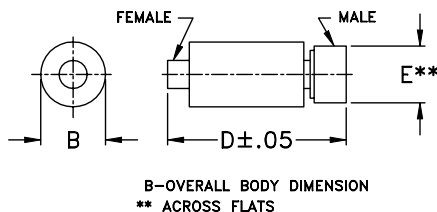
+ RoHS compliant in accordance with EU Directive (2002/95/EC)

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-700	770	1000-1300 1300-2000	1.7 18

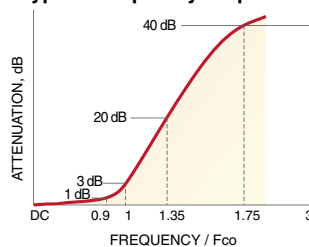
Outline Drawing



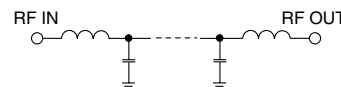
Outline Dimensions (inch/mm)

B	D	E	wt
.67	1.98	.312	grams
17.02	50.29	7.92	42.0

typical frequency response

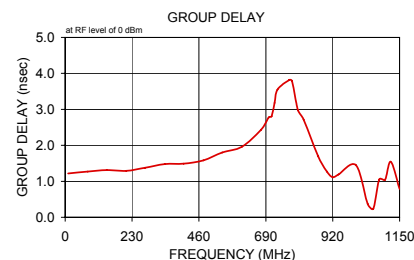
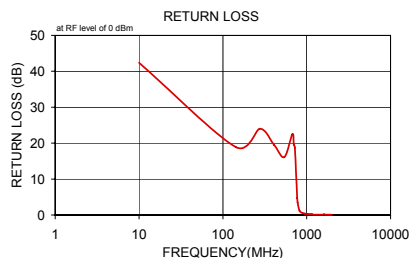


electrical schematic



Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)	Return Loss (dB)	Frequency (MHz)	Group Delay (nsec)
	$\bar{x}$ σ			
10.00	0.01 0.1	42.4	10.00	1.22
142.50	0.13 0.1	18.9	77.50	1.27
275.00	0.13 0.1	24.0	142.50	1.31
407.50	0.24 0.1	19.5	210.00	1.29
540.00	0.34 0.1	16.1	275.00	1.38
672.50	0.50 0.1	22.5	342.50	1.48
700.00	0.61 0.1	19.6	407.50	1.49
720.00	0.75 0.1	18.8	475.00	1.58
770.00	3.29 0.2	4.7	540.00	1.80
780.00	4.47 0.2	3.5	607.50	1.96
820.00	10.67 0.5	1.2	672.50	2.42
900.00	23.62 0.9	0.5	700.00	2.78
920.00	26.64 1.0	0.4	710.00	2.81
940.00	29.60 1.1	0.4	720.00	3.18
1000.00	38.46 1.5	0.3	730.00	3.55
1040.00	44.45 1.5	0.3	770.00	3.81
1080.00	50.55 2.0	0.2	780.00	3.79
1100.00	54.84 3.5	0.2	800.00	2.99
1120.00	57.93 4.7	0.2	820.00	2.72
1150.00	64.79 5.8	0.3	870.00	1.69
1200.00	68.75 5.6	0.1	900.00	1.27
1300.00	69.77 6.9	0.1	920.00	1.11
1535.00	66.70 2.9	0.1	940.00	1.19
1602.50	70.91 7.5	0.2	1000.00	1.45
1667.00	67.12 3.1	0.1	1040.00	0.38
1735.00	66.47 6.6	0.1	1060.00	0.24
1800.00	67.59 9.9	0.1	1080.00	1.05
1867.00	66.42 3.7	0.1	1100.00	1.04
1932.00	65.70 7.4	0.1	1120.00	1.54



INTERNET <http://www.minicircuits.com>

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