

Coaxial

Low Pass Filter

50Ω DC to 190 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.

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-200+



CASE STYLE: FF99			
Connectors	Model	Price	Qty.
SMA	SLP-200+	\$34.95 ea.	(1-9)

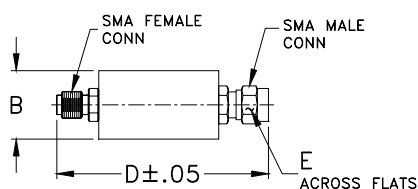
+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

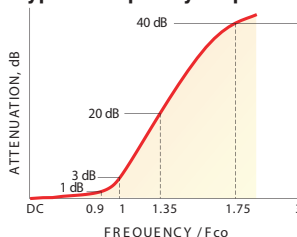
Low Pass Filter Electrical Specifications

PASSBAND (MHz)	fco (MHz) Nom.	STOPBAND (MHz)		VSWR (:1)	
		(loss > 20 dB)	(loss > 40 dB)	Passband Typ.	Stopband Typ.
DC-190	210	290-390	390-800	1.7	18

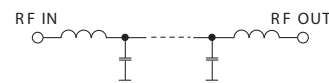
Outline Drawing



typical frequency response



electrical schematic

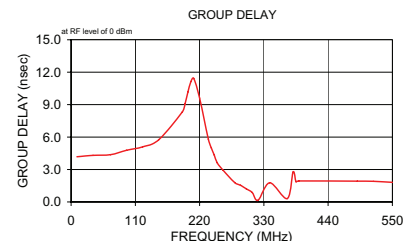
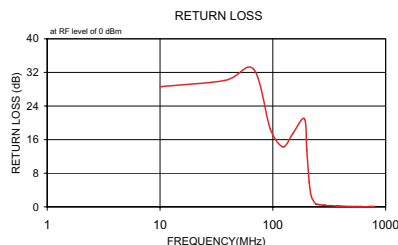
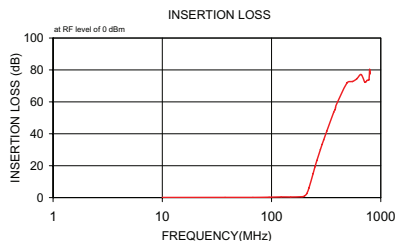


Typical Performance Data

Frequency (MHz)	Insertion Loss (dB)		Return Loss (dB)	Frequency (MHz)	Group Delay (nsec)
	$\bar{x}$	σ			
10.00	0.08	0.1	28.6	10.00	4.18
37.50	0.12	0.1	30.1	37.50	4.31
67.50	0.15	0.1	32.8	67.50	4.38
95.00	0.26	0.1	18.5	95.00	4.78
122.50	0.43	0.1	14.3	122.50	5.09
150.00	0.39	0.1	17.4	150.00	5.75
190.00	0.58	0.1	21.0	190.00	8.30
200.00	0.96	0.2	13.6	195.00	9.07
210.00	2.52	0.7	5.9	200.00	10.18
220.00	6.01	1.1	2.4	205.00	11.13
240.00	15.07	1.3	0.7	210.00	11.42
250.00	19.34	1.3	0.6	220.00	9.61
260.00	23.25	1.4	0.5	235.00	5.78
280.00	30.20	1.5	0.4	240.00	5.00
290.00	33.33	1.5	0.4	245.00	4.34
300.00	36.17	1.5	0.3	250.00	3.63
320.00	41.60	1.8	0.3	260.00	2.95
370.00	53.41	2.3	0.2	280.00	1.79
380.00	55.00	2.8	0.2	290.00	1.54
385.00	56.23	2.7	0.2	300.00	1.21
390.00	57.87	4.0	0.2	310.00	0.88
490.00	71.86	7.9	0.1	320.00	0.15
550.00	72.71	1.6	0.1	340.00	1.77
602.50	74.42	2.5	0.1	370.00	0.31
660.00	77.14	4.3	0.0	380.00	2.76
715.00	72.38	5.7	0.1	385.00	1.86
750.00	73.49	3.5	0.1	390.00	1.94
780.00	73.91	4.7	0.1	490.00	1.92
790.00	80.33	5.3	0.1	517.50	1.91
800.00	77.51	9.6	0.1	550.00	1.81

Outline Dimensions (inch mm)

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


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I/F/R MICROWAVE COMPONENTS

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