Coaxial

Low Pass Filter

SLP-2400+

50Ω DC to 2200 MHz

Generic photo used for illustration purposes only

CASE STYLE: FF99

Connectors	Model
SMA	SLP-2400+

Maximum Ratings

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

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

Features

- Good Attenuation Rate, 1.35 Typ. 20 dB / 3 dB BW Ratio
- Rugged Shielded Case
- Other SLP Models Available with Wide Selection of Cut-Off Frequencies

+RoHS Compliant

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

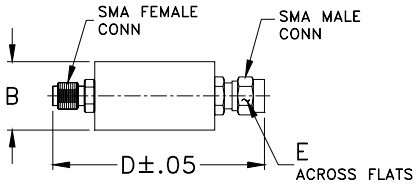
Applications

- Lab Use
- Test Equipment
- Video Equipment

Low Pass Filter Electrical Specifications

PASSBAND (MHz) (loss < 1 dB)	fco (MHz) Nom. (loss 3 dB)	STOPBAND (MHz) (loss > 20 dB)	STOPBAND (MHz) (loss > 40 dB)	VSWR (:1) Passband Typ.	VSWR (:1) Stopband Typ.
DC-2200	2400	3150-4000	4000-6000	1.3	18

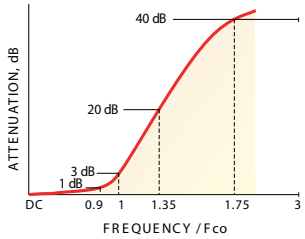
Outline Drawing



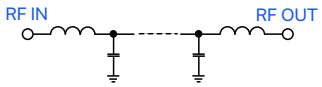
Outline Dimensions (inch/mm)

B	D	E	WT GRAMS
.70	1.98	.312	42.0
(17.78)	(50.29)	(7.92)	

typical frequency response



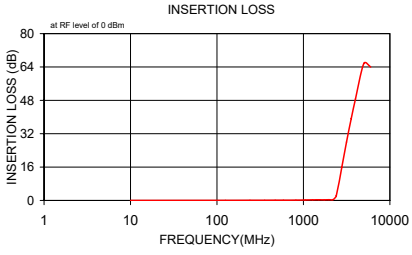
electrical schematic



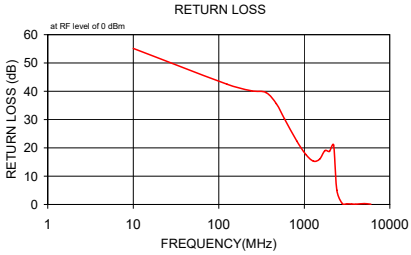
Typical Performance Data

Frequency (MHz)	Insertion Loss (dB) x̄	Insertion Loss (dB) σ	Return Loss (dB)	Frequency (MHz)	Group Delay (nsec)
10.00	0.01	0.00	55.15	10.00	0.52
125.26	0.04	0.00	42.47	125.26	0.53
240.52	0.06	0.00	40.19	240.52	0.53
355.78	0.07	0.00	39.56	355.78	0.53
471.05	0.09	0.00	35.62	471.05	0.53
586.31	0.11	0.00	30.29	586.31	0.54
816.84	0.15	0.01	22.41	816.84	0.55
1047.36	0.22	0.02	17.59	1047.36	0.56
1277.89	0.29	0.03	15.33	1277.89	0.57
1508.42	0.30	0.03	15.99	1508.42	0.60
1738.94	0.29	0.03	19.02	1738.94	0.65
1969.47	0.34	0.02	18.76	1969.47	0.73
2200.00	0.40	0.09	20.98	2200.00	0.86
2400.00	2.33	0.51	5.06	2400.00	1.12
2775.00	15.86	0.66	0.35	2775.00	0.57
3150.00	28.00	0.65	0.22	3150.00	0.39
3575.00	39.27	0.75	0.17	3575.00	0.33
4000.00	48.63	0.94	0.10	4000.00	0.28
5000.00	65.70	2.14	0.31	5000.00	0.43
6000.00	63.98	12.24	0.08	6000.00	0.49

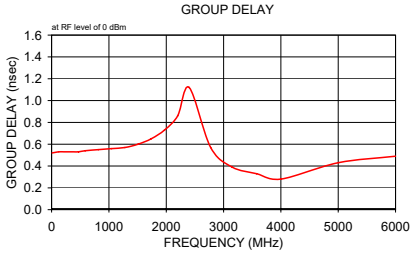
INSERTION LOSS



RETURN LOSS



GROUP DELAY



Notes

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