



CLPF-7200

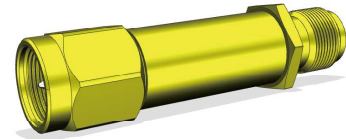
Coaxial Low Pass Filter

50Ω *DC to 7200 MHz

Rev A1.1

Maximum Ratings:

- Operating Temperature -55°C to 100°C
- Storage Temperature -55°C to 100°C
- RF Power Input* 8W at 25°C
- RF Power Input* 8W at 25°C
- DC Current Input to Output 0.5A max. at 25°C



Connectors	Model
SMA	CLPF-7200-1

Features:

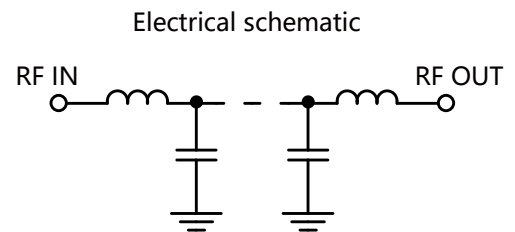
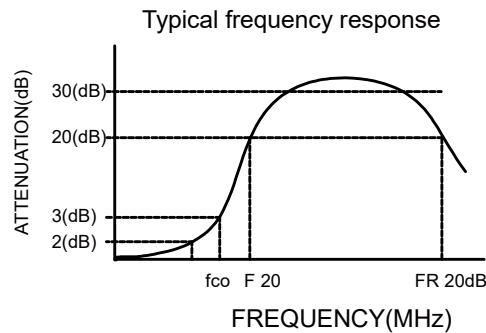
- Rugged uni-body construction, small size
- Excellent power handling, 8W
- Temperature stable
- Low cost

+RoHS Compliant

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

Applications:

- Harmonic rejection
- Transmitters/receivers
- Lab use

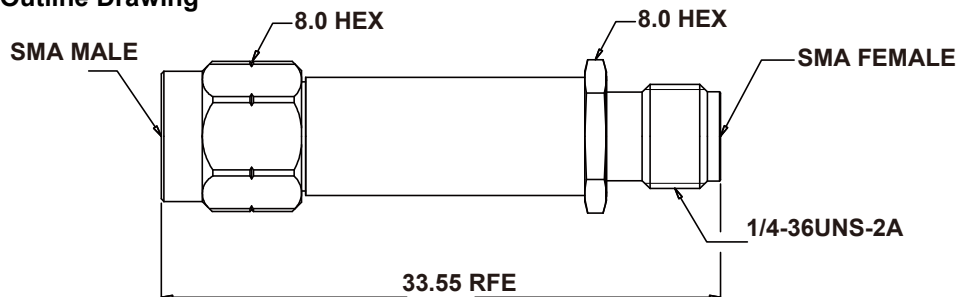


Low Pass Filter Electrical Specifications (TAMB= 25 °C)

PASSBAND (MHz)	fco, MHz Nom.	STOP BAND (MHz) (loss,dB)			VSWR (:1)		NO.OF SECTIONS
		F 20 Min.	30 Typ.	FR 20 Typ.	Stopband Typ.	Passband Typ.	
(loss < 2 dB) Max.	(loss 3dB)						
*DC - 7200	8050	9500	9000-9600	12300	17	1.3	7

* Not for use with DC voltage at input and output ports

Outline Drawing



Yantel Corporation

Add: 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com



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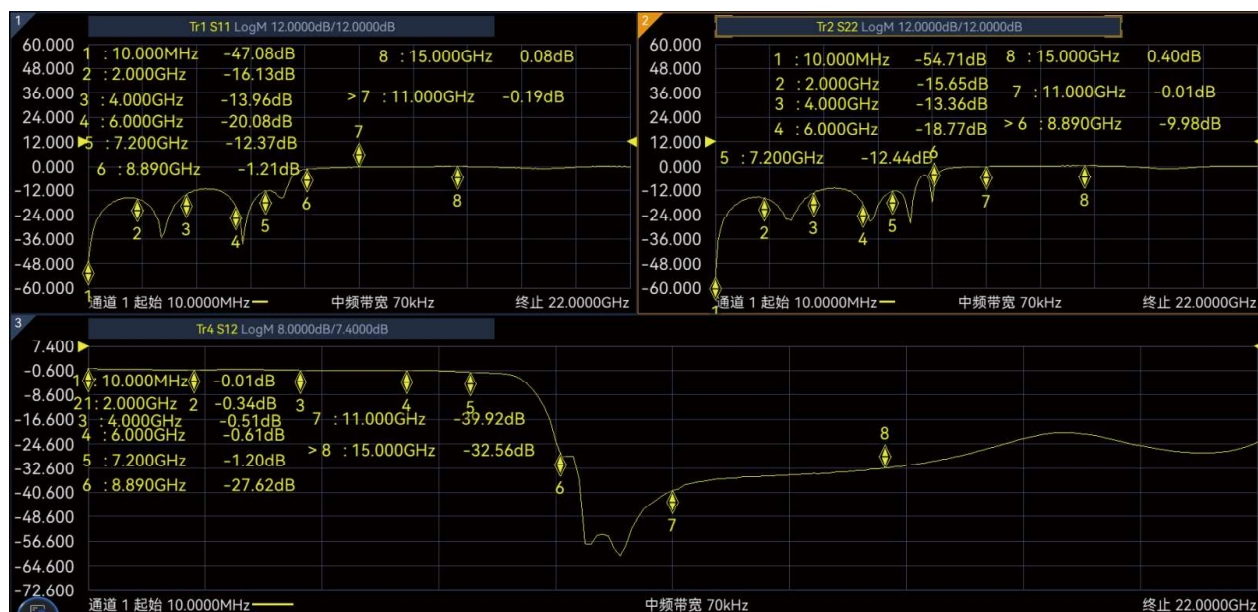
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Typical Performance Data at 25°C

Frequency (MHz)	Insertion Loss (dB)	VSWR (:1)
40	0.027	1.013
500	0.081	1.144
2000	0.276	1.371
3600	0.181	1.24
6000	0.479	1.225
7200	1.088	1.450
8000	2.17	1.586
8150	3.0	1.99
8320	5.49	3.639
8500	9.8	6.809
8730	16.84	11.09
8850	23.06	12.44
9500	55.5	22
9600	54	24.48
10500	45.56	44.55
12300	35.3	43.44
15000	32.45	49.64



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