



7 Section Highpass Filter with SMA Female Connectors Operating from 1 GHz to 13 GHz

TECHNICAL DATA SHEET

PE87FL1018

The PE87FL1018 is a seven section High pass filter. The pass band is 12,000 MHz wide, from 1 GHz to 13 GHz with excellent rejection of 40 dB from DC to 500 MHz. It has a maximum insertion loss of 2 dB. The PE87FL1018 has SMA female connectors.

Configuration

Design	High Pass Filter
Number of Sections	7
Connector 1	SMA Female
Connector 2	SMA Female
Passband Frequency Range	1 to 13 GHz

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Passband Freq.	1		13	GHz
Useable Freq. Range		1 to 13		GHz
Impedance		50		Ohms
Insertion Loss			2	dB
Input Power			5	Watts
Rejection at 0 kHz	40			dB
Rejection at 500 MHz	40			dB

Mechanical Specifications

Size	
Length	0.85 in [21.59 mm]
Width	0.6 in [15.24 mm]
Height	0.7 in [17.78 mm]
Weight	0.109 lbs [49.44 g]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7 Section Highpass Filter with SMA Female Connectors Operating from 1 GHz to 13 GHz PE87FL1018](#)



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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

7 Section Highpass Filter with SMA Female Connectors Operating from 1 GHz to 13 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: <https://www.pasternack.com/7-section-high-pass-filter-1-13-ghz-passband-12-ghz-pe87fl1018-p.aspx>

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