



7 Section Highpass Filter With SMA Female Connectors Operating From 2 GHz to 18 GHz

TECHNICAL DATA SHEET

PE87FL1019

The PE87FL1019 is a seven section High pass filter. The pass band is 16,000 MHz wide, from 2 GHz to 18 GHz with excellent rejection of 40 dB from DC to 1 GHz. It has a maximum insertion loss of 2 dB. The PE87FL1019 has SMA female connectors.

Configuration

Design High Pass Filter

Number of Sections

Connector 1SMA FemaleConnector 2SMA FemalePassband Frequency Range2 to 18 GHz

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Passband Freq.	2		18	GHz
Useable Freq. Range		2 to 18		GHz
Impedance	V	50		Ohms
Insertion Loss			2	dB
Input Power			5	Watts
Rejection at 0 KHz	40			dB
Rejection at 1000 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]

Connectors

De	escription	Connector 1	Connector 2	
Туре		SMA Female	SMA Female	

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant
REACH Compliant

Plotted and Other Data

Notes:

• Values at +25 °C, sea level

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 2 GHz to 18 GHz PE87FL1019

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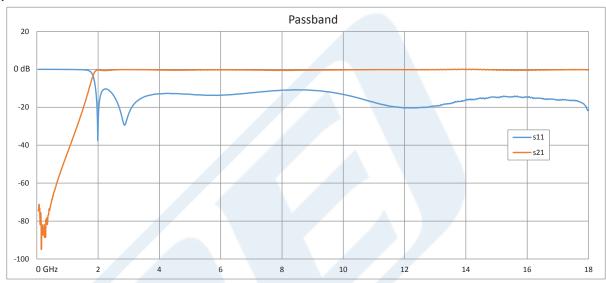


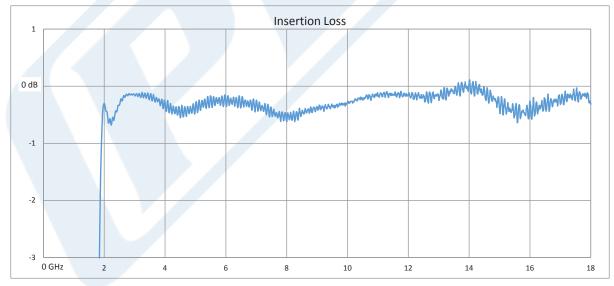
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Typical Performance Data





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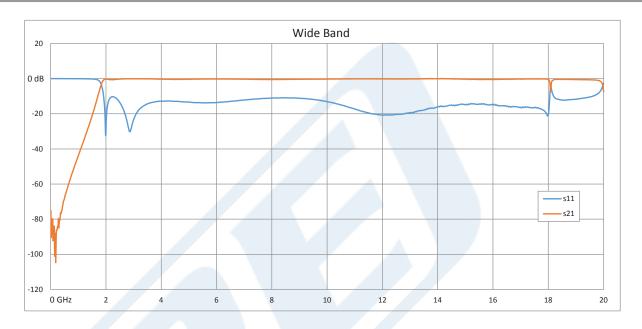




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URL: http://www.pasternack.com/7-section-high-pass-filter-2-18-ghz-passband-16-ghz-pe87fl1019-p.aspx

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PE87FL1019 CAD Drawing

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