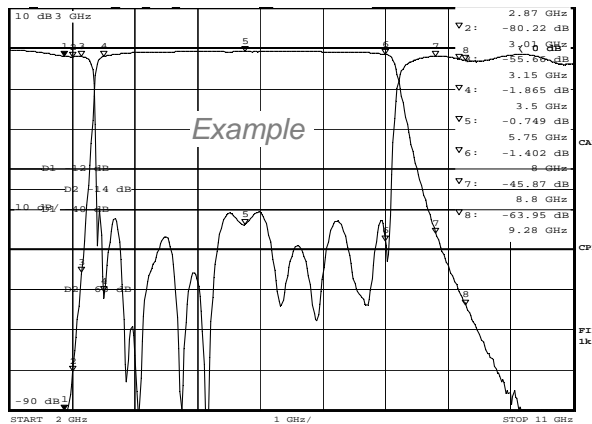




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<b>10 Section LC Design</b>	<b>Microwave Bandpass Filter</b>	<b>Model Number: WHLKX 3.5/18 +8.0/18G-10</b> <small>(add connector code - see below)</small>
<b>WHLKX Series</b>	<b>Pass Band 3500 to 8000 MHz</b> <b>Reject Bands DC - 3150 MHz &amp; 8800 MHz - 18 GHz</b>	

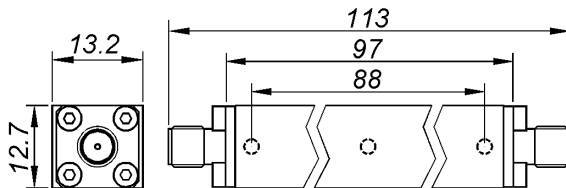


Passband Response

• **Upper Stopband Limit: 18 GHz**

• **Reject Bands  
DC to 3150 MHz and  
8.8 GHz to 18 GHz**

**Model Numbers: WHLKX 3.5/18+8.0/18G-10SS (=SMA-f) or: WHLKX 3.5/18+8.0/18G-10ST (=SMA-f / SMA-m)**



Specifications		
<b>Passband:</b>	3500 to 8000 MHz	* <b>Power Handling</b> No specifications on maximum RF Power handling have been established. However, from calculations and experience we estimate the power handling capability of this filter to be 3W or 1W respectively. We are interested in cooperating with you in power testing this filter in your system. Please also see our Terms & Conditions in regard to power handling.
<b>Passband Loss at Fo:</b>	1.5 dB max	
<b>Passband Loss at Corners:</b>	2.5 dB max. at 3500 and 2.0 dB max. at 8000 MHz	
<b>Return Loss (50Ω) in Passband:</b>	12 dB min. = VSWR 1.67 : 1 max. 14 dB typical = VSWR 1.5 : 1 max.	
<b>Power Handling</b>	3 W max. in Pasband 1 W max. in Reject Band (see note *)	
<b>Reject Attenuation:</b>	40 dB min. at 3.15 GHz and 8.8 GHz	
<b>Reject Attenuation:</b>	60 dB min. at 3.01 GHz and from 9.28 to 18 GHz	
<b>Reject Attenuation:</b>	80 dB min. from DC to 2.87 GHz	
<b>Operating Temperature:</b>	+15°C to +45°C	
<b>Dimensions &amp; approx. Weight:</b>	13.2 mm high x 12.7 mm x 97 mm plus connectors	87 g (0.15 lbs)
<b>Mounting Provision:</b>	3 x M2.5 threaded holes in base - see drawing	
<b>Connector Code:</b>	SMA-female = <b>SS</b> or SMA-female/male = <b>ST</b>	
<b>Prices:</b> When purchasing 1 - 4 pcs.	<b>Euro: € 1430,-</b>	<b>US-\$: <u>Will be quoted.</u></b>
<b>Delivery Terms:</b>	FCA <u>Andechs-Frieding</u> (free carrier) according to <b>Incoterms 2000</b> . In Deutschland liefern wir frachtfrei gemäß CPT <b>Incoterms 2000</b> (unversichert). Regarding payment terms and Warranty see <a href="#">Terms and Conditions</a> .	
<b>Test Sheet with Analyzer Curves supplied.</b>		

**Delivery Time:** normally 3 to 4 weeks - depending on work load in the factory at time of order.