



**Wainwright
Instruments GmbH**

Widdersberger Str.14

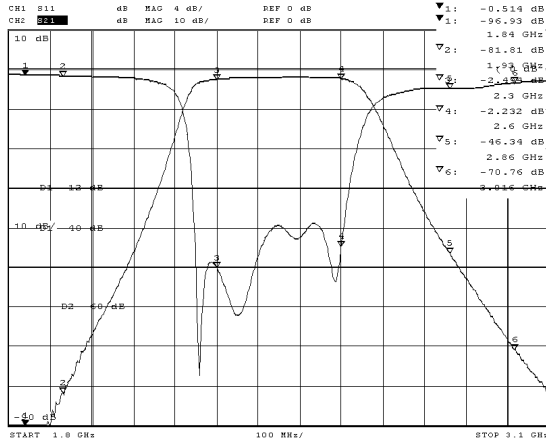
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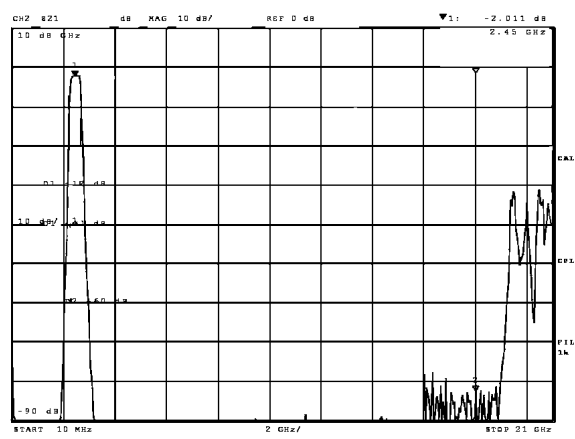
E-Mail: info@wainwright-filters.com

Internet: www.wainwright-filters.com

10 Section LC Design	Microwave Bandpass Filter	Model Number: WHLK 2.3/18 +2.6/18G-10 <i>(add connector code - see below)</i>
WHLK Series	Pass Band 2300 to 2600 MHz Reject Bands DC - 1930 MHz & 3016 MHz - 18 GHz	



Passband Response

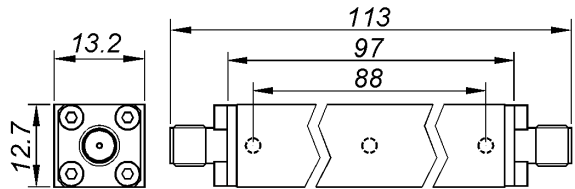


Reject Band Response



Approx. weight: 87 g (0.15 lbs.)

- **Slopes: 370/416 MHz – 60 dB**
- **Reject Bands: DC to 1930 MHz
3016 MHz to 18 GHz**



Model Numbers:
WHLK 2.3/18+2.6/18G-10SS (= SMA-f) **or:**
WHLK 2.3/18+2.6/18G-10ST (= SMA-f / SMA-m)

Specifications		* Power Handling	
Passband:	2300 to 2600 MHz	No specifications on max. RF power handling have been established. However, from calculations and experience we estimate the power handling capability of this filter to be 10 Watts. 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.	
Passband Loss at Fo:	2.5 dB max		
Passband Loss at Corners:	3.0 dB max. at 2300 and 2600 MHz		
Power Handling:	10 W max. (see note *)		
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.		
Reject Bands:	DC to 1930 MHz and 3016 to 18 GHz		
Reject Attenuation:	60 dB min.		
Operating Temperature:	+15°C to +45°C		
Dimensions & approx. Weight:	13.2 mm high x 12.7 mm x 97 mm plus connectors	87 g (0.15 lbs)	
Mounting Provision:	3 x M2.5 threaded holes in base - see drawing		
Connector Code:	SMA-female = SS or SMA-female/male = ST		
Price Basis: see Ord. Inf., Terms, Warranty	PRICES:	Euro: Price based on shipment ex factory	US-\$: Price includes shipping, import charges and customs duty. *
When purchasing 1 – 4 pcs.		€1.180,--	\$ 1,745.--
Test Sheet with Analyzer Curves supplied.			
* Prices in US-\$ for shipments to the USA only. American customers are welcome to purchase at EURO-prices and carry postage/freight and import charges directly.			

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