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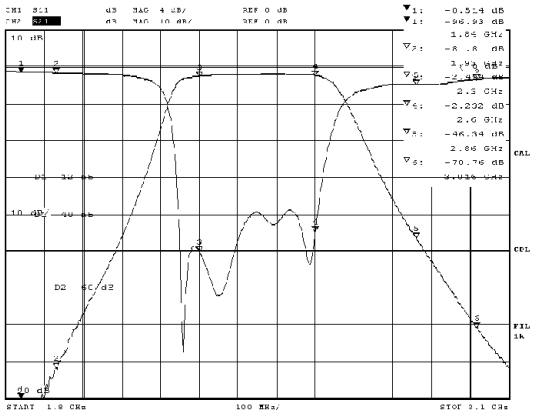
10 Section
LC Design
WHLK Series

Microwave Bandpass Filter

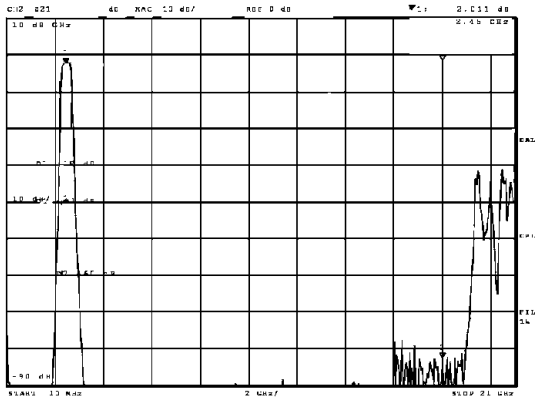
Pass Band 2300 to 2600 MHz
Reject Bands DC - 1930 MHz & 3016 MHz - 18 GHz

Model Number:
WHLK 2.3/18
+2.6/18G-10__
(add connector code - see below)

- **Slopes: 370/416 MHz – 60 dB**
- **Upper Stopband Limit: 18 GHz**

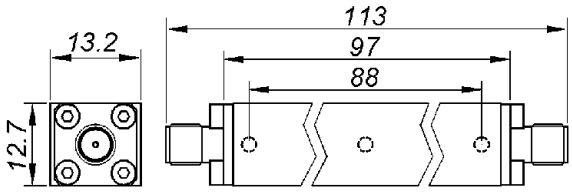


Passband Response



Reject Band Response

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		
Passband:	2300 to 2600 MHz	
Passband Loss at Fo:	2.5 dB max	
Passband Loss at Corners:	3.0 dB max. at 2300 and 2600 MHz	
Power Handling:	3 W max. in Passband 1 W max. in Reject Band **(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**	
Prices: When purchasing 1 - 4 pcs.	**Euro: € 1180,--**	**US-$:** ***Will be quoted.***
Delivery Terms:	FCA Andechs-Frieding (free carrier) according to ***Incoterms 2000.*** In Deutschland liefern wir frachtfrei gemäß CPT ***Incoterms 2000*** (unversichert). Regarding payment terms and Warranty see ***Terms and Conditions*** .	
Test Sheet with Analyzer Curves supplied.		

*** Power Handling**
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 3 W or 1 W respecitively. 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.

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