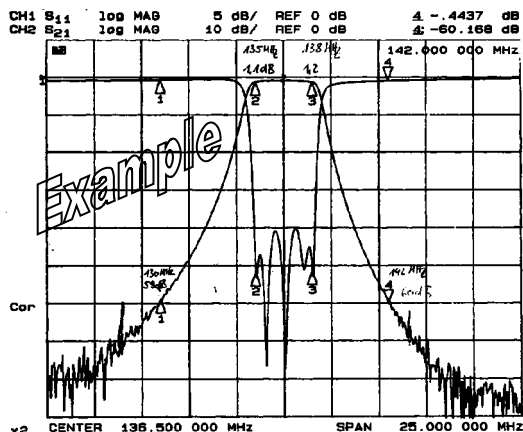




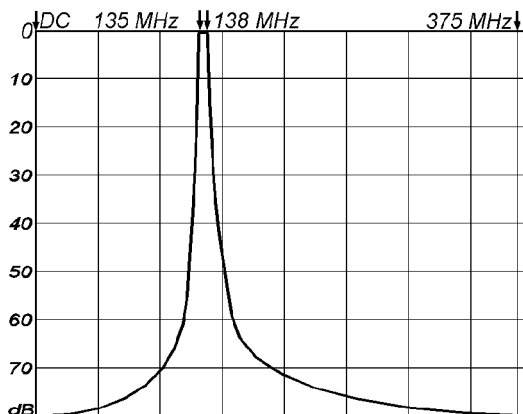
**Wainwright
Instruments GmbH**

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 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

5 Resonator Helical Design WBHT Series	<h2 style="margin: 0;">Helical Bandpass Filter</h2> <p style="margin: 0;">Pass Band 135 to 138 MHz Reject Bands DC to 130 and 142 to 375 MHz</p>	Model Number: WBHT 135/138- 130/142-50/5 (add connector code - see below)
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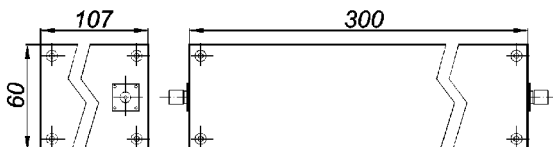


Passband Response



Reject Band Response

Model Numbers: WBHT 135/138-130/142-50/5SS (= SMA-F) or:
 WBHT 135/138-130/142-50/5EE (= N-F)



Approx. weight: 1.85 kg (4.1 lbs.)



- Slopes: 5/4 MHz - 50 dB
- Reject Band to 375 MHz

Specifications		* Power Handling
Passband:	135 to 138 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 100 Watts. Power is limited due to the narrow passband. We are interested in cooperating with you in power testing this filter in your system. Please also see our Terms and Conditions in regard to power handling.
Passband Loss:	1.5 dB max.	
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.	
Power Handling:	100 Watts max. (see note *)	
Reject Bands:	DC to 130 MHz and 142 to 375 MHz	
Reject Attenuation:	50 dB min.	
Operating Temperature:	+15°C to +40°C	
Dimensions & approx. Weight:	107 mm high x 60 mm x 300 mm plus connectors weight: 1.85 kg (4.1 lbs)	
Mounting Provision:	4 x M4 threaded holes each on all sides - see drawing UMP-1 (Website)	
Connector Code:	SMA-female = SS or N-female = EE	
Price Basis: see Ord. Inf., Terms, Warranty	PRICES:	US-\$:
	Euro: Price based on shipment ex factory	Price includes shipping, import charges and customs duty. **
When purchasing 1 - 4 pcs.	€1.183,-	Will be quoted.
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 4 to 6 weeks - depending on work load in the factory at time of order.