



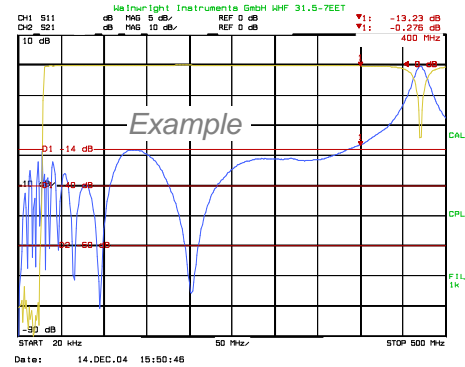
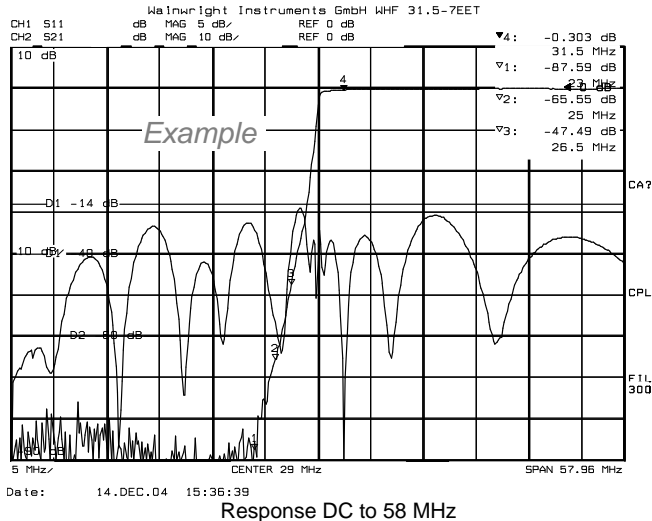
**Wainwright
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**31.5 MHz
to
350 MHz**

Terminated Highpass Filter
 With Matched Stopband - Frequency Band DC to 350 MHz
1 kW Power Handling in Passband *)

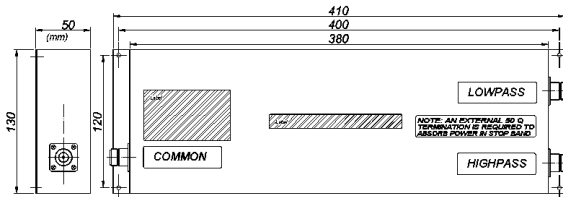
**Model Number:
WHE 31.5-8/9_3T-1000**
 (add connector code
 – see below)



Continuous Return Loss DC to 350 MHz

Note:
An external 50 Ω Termination is required to absorb Power in the Stop Band !

Model Numbers: WHE 31.5-8/9E3T-1000 (with N-female connectors)
 WHE 31.5-8/9H3T-1000 (with 7/16" female connectors)



Placing the termination on the other output will change this filter to be a terminated High Power Lowpass Filter. Without termination this filter is a High Power Diplexer.

Specifications		*) Power Handling This filter is designed to handle 1 kW. See: Operating our High Power Filters Any filter damaged by up to 1 kW of RF power in the PASSBAND will be repaired free of charge. Please also see our Warranty in this regard.
Passband Loss / Passband	0.5 dB max. from 31.5 to 350 MHz	
Continuous Return Loss (50 Ω) from DC to 350 MHz:	14 dB min. (VSWR 1.5 : 1 max.) measured at the worst point.	
Reject Band	DC to 23 MHz	
Reject Attenuation 40 dB min.	at 26.46 MHz (0.84 x F _{CO})	
Reject Attenuation 60 dB min.	at 24.89 MHz (0.79 x F _{CO})	
Reject Attenuation 80 dB min.	at 23.00 MHz (0.73 x F _{CO})	
Operating Temperature:	+15°C to +70°C	
Dimensions:	50 mm high x 130 x 380 mm plus flanges and connectors	Approx. Weight: 4.5 kg (9.9 lbs)
Mounting Provision:	15 mm Flanges on each end with 4.2 mm holes 5 mm from the edge	
Connector Code:	N-female = E3 or 7/16"-female = H3	
Prices: When purchasing 1 - 4 pcs.	Euro: € 2.425,-	US-\$: <u>Will be quoted.</u>
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 .Prices in US-\$ for shipments to the USA only.	
Test Sheet with Analyzer Curves supplied		

Delivery Time: will be quoted -normally between 3 and 6 weeks - depending on work load in the factory at time of order.