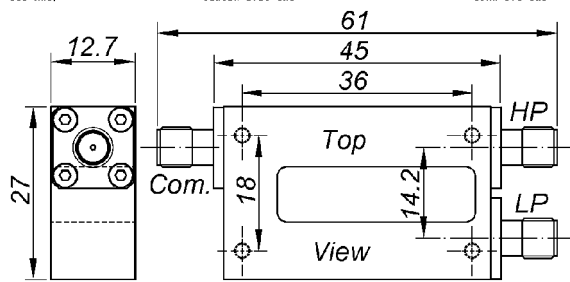
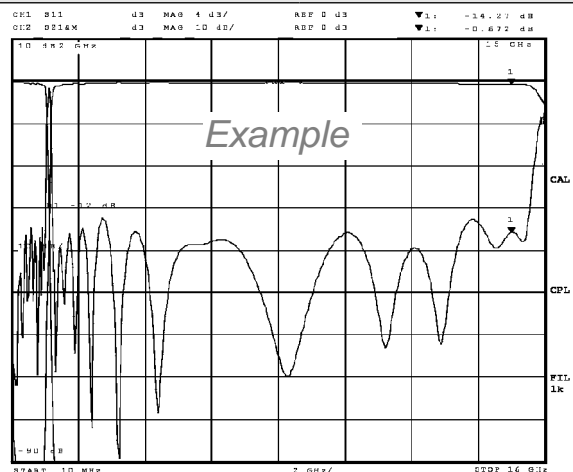
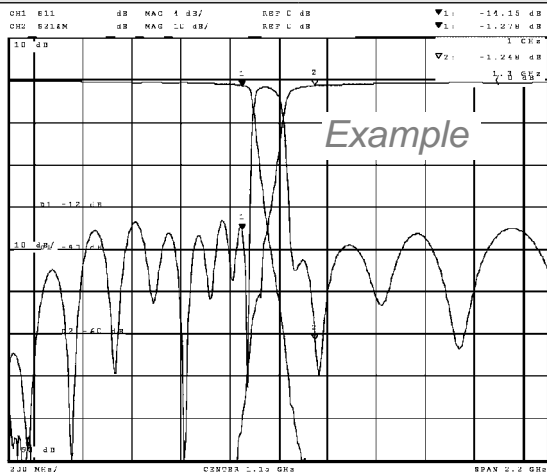




**Wainwright
Instruments GmbH**

Widdersberger Str.14
D82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

DC to 1 GHz **Microwave Diplex Filter** **Model Number:**
1.3 GHz to 15 GHz **Low Band DC to 1 GHz** **WDK1.0-1.3/**
 High Band 1.3 GHz to 15 GHz **15G-10S3**



This Microwave Diplex Filter is an example of several possible combinations of our [Microwave Lowpass Filters](#) (Stopband to 18 GHz) with our [Microwave Highpass Filters](#).

Possible Highpass Series: [WHK 10 to 15 GHz](#) [WHK 10 to 18 GHz](#) [WHKX 10 to 18 GHz](#)

Rule: Fco of the Lowpass must be lower than Fco of the Highpass.

Specifications			
Low Passband:	DC to 1 GHz		
High Passband:	1.3 GHz to 15 GHz		
Passband Loss:	1.6 dB max. (LP) / 1.5 dB max. (HP)		
Return Loss (50Ω) in Passband:	12 dB min. = VSWR 1.67 : 1 max.		
Isolation:	40 dB min.		
Operating Temperature:	+15°C to + 40°C		
Dimensions and Weight:	12.7 mm high x 27 x 45 mm plus connectors		Approx. Weight: 0.09 kg (0.2 lbs)
Mounting Provision:	Mounting Holes 4 x M 2.5 in base		
Connectors	SMA-female		
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,--	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 workload in the factory at time of order.