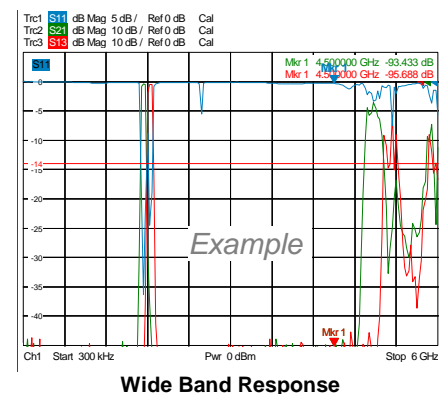
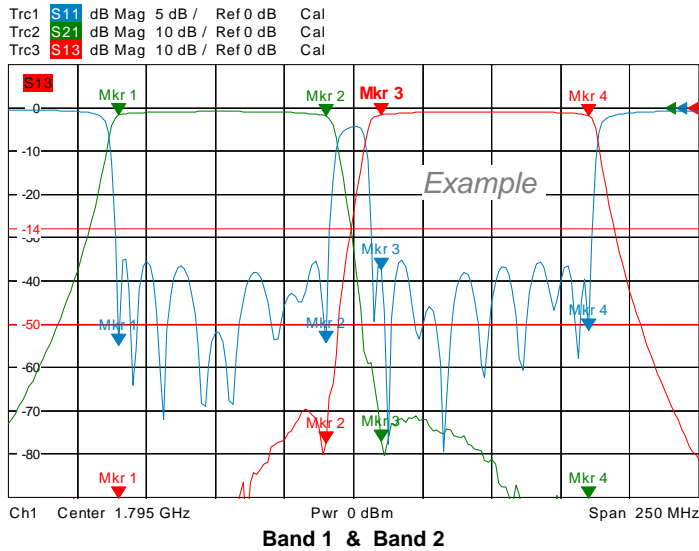




**Wainwright
Instruments GmbH**

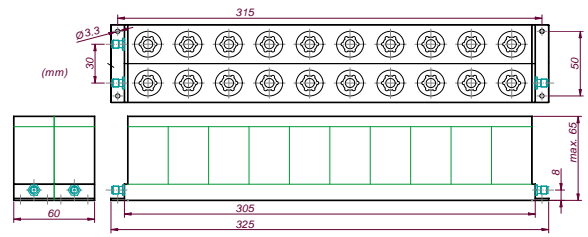
Widdersberger Str.14
82346 Andechs, Germany
 Tel.: +49-8152-918230 Fax: +49-8152-918255
 E-Mail: info@wainwright-filters.com
 Internet: www.wainwright-filters.com

20 Resonator Cavity Design WDG Series	Diplex Filter	Model Number: WDG1710/1785-1805/1880-50/20S3
	Pass Bands 1710 to 1785 & 1805 to 1880 MHz Reject Bands 1805 to 1880 & 1710 to 1785 MHz	



Model Number: WDG1710/1785-1805/1880-50/20S3 (= SMA-F)

Power Handling
 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. 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.



Specifications		
	Band 1	Band 2
Passband:	1710 to 1785 MHz	1805 to 1880 MHz
Passband Loss:	2.0 dB max.	2.0 dB max.
Power Handling (see note above):	100 W max.	100 W max.
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.	14 dB min. = VSWR 1.5 : 1 max.
Reject Band:	1805 to 1880 MHz	1710 to 1785 MHz
Reject Attenuation:	50 dB min.	50 dB min.
Operating Temperature:	+15°C to +45°C	
Dimensions & approx. Weight:	65 mm high x 60 x 305 mm plus connectors	Approx. Weight: 2.4 kg (5.3 lbs)
Mounting Provision:	10 mm flanges on each end with Ø3.3 holes (drilling template = 315 x 50 mm)	
Connector Code:	SMA-female = S3	
Prices: When purchasing 1 – 4 pcs.	Euro: €1.935,-	US-\$¹): <u>Will be quoted.</u>
Delivery Terms: FCA Andechs-Frieding (free carrier) according to <i>Incoterms 2000</i> . Regarding payment terms and Warranty see Terms and Conditions . In Deutschland liefern wir frachtfrei gemäß CPT <i>Incoterms 2000</i> (unversichert).		
Test Sheet with Analyzer Curves supplied.		

Delivery Time: normally 4 to 6 weeks - depending on work load in the factory at time of order.