

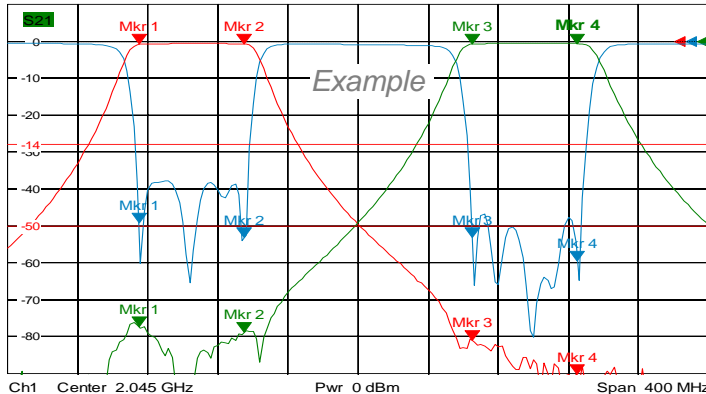


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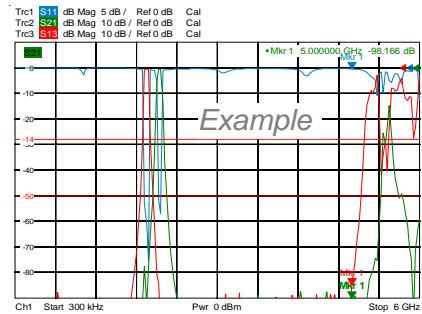
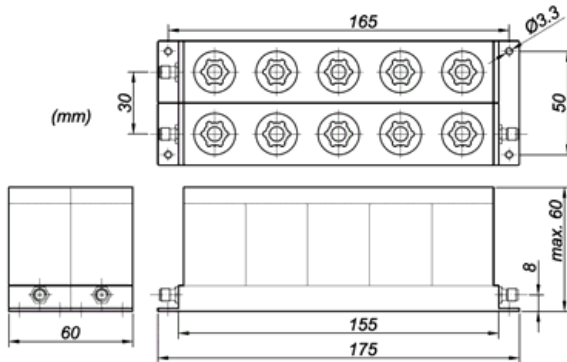
10 Resonator Cavity Design WDCG Series	<h2 style="margin:0;">Diplex Filter</h2> <p>Pass Bands 1920 to 1980 & 2110 to 2170 MHz Reject Bands 2110 to 2170 & 1920 to 1980 MHz</p>	Model Number: WDCG1920/1980-2110/2170-50/10S3
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Trc1 S11 dB Mag 5 dB / Ref 0 dB Cal
 Trc2 S21 dB Mag 10 dB / Ref 0 dB Cal
 Trc3 S13 dB Mag 10 dB / Ref 0 dB Cal



Band 1 & Band 2

Model Number: WDCG1920/1980-2110/2170-50/10S3 (= SMA-F)



Wide Band Response

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:	1920 to 1980 MHz	2110 to 2170 MHz
Passband Loss:	1.5 dB max.	1.5 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:	2110 to 2170 MHz	1920 to 1980 MHz
Reject Attenuation:	50 dB min.	50 dB min.
Operating Temperature:	+15°C to +45°C	
Dimensions & approx. Weight:	60 mm high x 60 x 155 mm plus connectors	Approx. Weight: 1.2 kg (2.65 lbs)
Mounting Provision:	10 mm flanges on each end with Ø3.3 holes (drilling template = 165 x 50 mm)	
Connector Code:	SMA-female = S3	
Prices: When purchasing 1 – 4 pcs.	Euro: €1.127,-	US-\$^{*)}: <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.		
* 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.