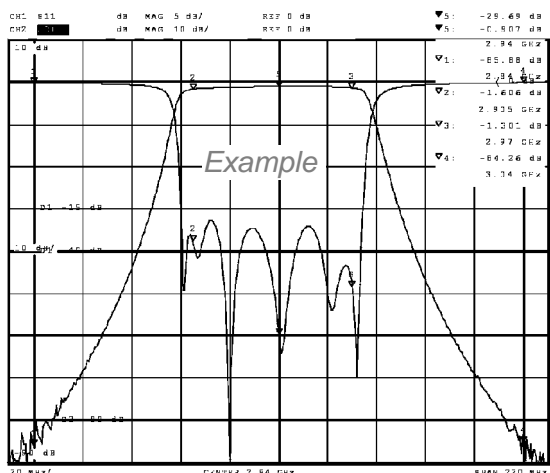




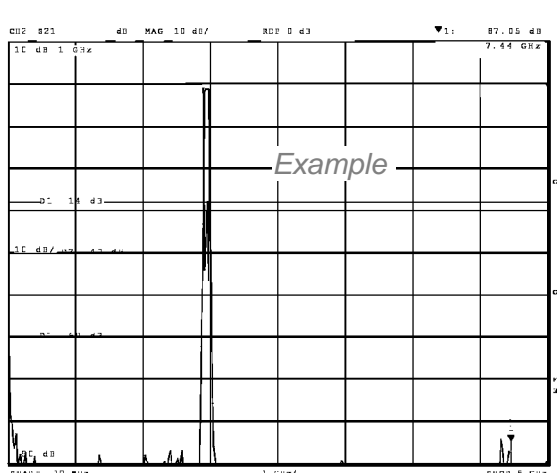
**Wainwright
Instruments GmbH**

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8 Resonator Cavity Design WCJ Series	Bandpass Filter Passband 2905 to 2970 MHz Reject Band DC to 2840 & 3040 to 8000 MHz	Model Number: WCJ 2905/2970- 2840/3040-80/8SS
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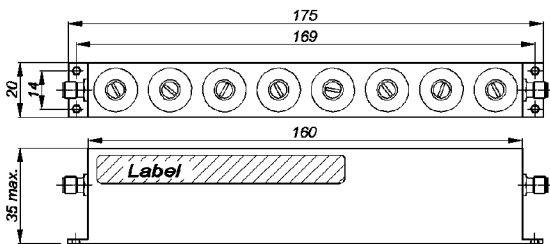


Passband Response



Reject Band Response

Model Number: WCJ2905/2970-2840/3040-80/8SS (= SMA-F)



- Slopes: 65/70 MHz / 80 dB
- Reject Band to 8000 MHz

Specifications		* Power Handling
Passband:	2905 to 2970 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 W. We are interested in co-operating with you in power testing this filter in your system. Please also see our Terms & Conditions in regard to power handling.
Passband Loss at Fo:	1.6 dB max at 2937.5 MHz	
Passband Loss at Corners:	1.8 dB max. at 2905 and 2970 MHz	
Power Handling:	100 W CW max. (see note *)	
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.	
Reject Bands:	DC to 2840 MHz and 3040 to 8000 MHz	
Reject Attenuation:	80 dB min.	
Operating Temperature:	+15°C to +40°C	
Dimensions & approx. Weight:	35 mm high x 20 mm x 160 mm plus connectors	Weight: 0.37 kg (0.8 lbs)
Mounting Provision:	7.5 mm mounting flanges with Ø3.2 holes	
Connector Code:	SMA-female = SS	
Prices: When purchasing 1 - 4 pcs.	Euro: € 872,-	US-\$: <u>Will be quoted.</u>
Delivery Terms:	FCA Andechs-Frieding (free carrier) according to <i>Incoterms 2000</i> . In Deutschland liefern wir frachtfrei gemäß CPT <i>Incoterms 2000</i> (unversichert). Regarding payment terms and Warranty see Terms and Conditions .	
Test Sheet with Analyzer Curves supplied.		
Delivery Time: Will be quoted.		