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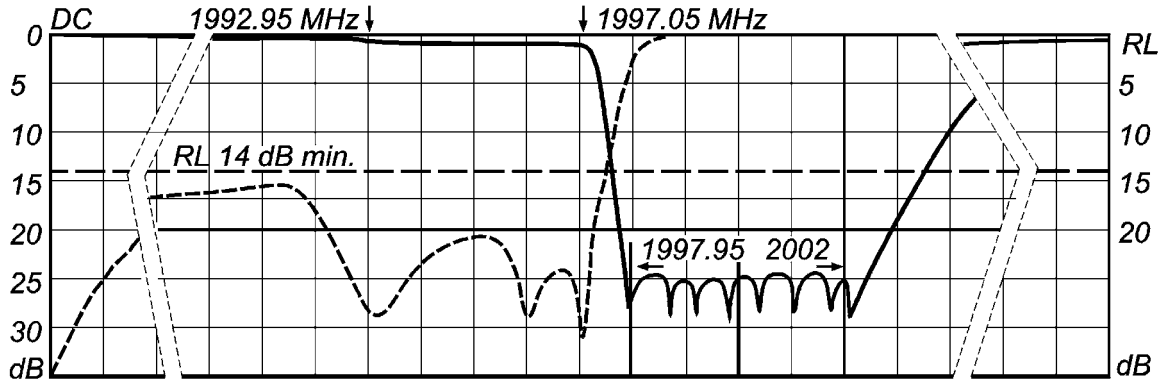
10 Resonator
Cavity Design
WLCD Series

Lowpass Cavity Filter

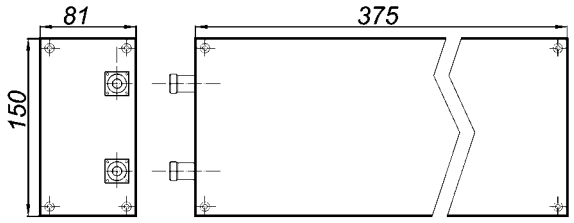
Passband DC to 1997.05 MHz
Reject Band 1997.95 MHz to 2002 MHz

Model Number:
WLCD 1997.05-
1997.95/2002-20/10____
(add connector code - see below)



This is a reject cavity filter, but the response favors the low side.
With this design less resonators are required.

Model Numbers: **WLCD 1997.05-1997.95/2002-20/10SS** (= SMA-F)
WLCD 1997.05-1997.95/2002-20/10EE (= N-F)



- **Very Flat Passband to 1997.05 MHz**
- **Slope 0.9 MHz / 20 dB**

Approx. weight: 5.5 kg (12.1 lbs.)

Specifications			
Passband:	1992.95 to 1997.05 MHz	**Flatness:** ± 0.5 dB	
Insertion Loss at 1997.05:	1.8 dB max.		
Return Loss (50 Ω) in Passbd.:	14 dB min. = VSWR 1.5 : 1 max.		
Reject Band:	1997.95 to 2002 MHz	**Attenuation:** 20 dB min.	
Operating Temperature:	+15°C to +40°C		
Dimensions:	81 mm high x 150 x 375 mm plus connectors	**Approx. Weight:** 5.5 kg (12.1 lbs)	
Mounting Provision:	4 x M4 threaded holes each on all sides – see drawing UMP-1 (Website)		
Connector Code:	SMA-female = **SS** *or* N-female = **EE**		
Price Basis: see Ord. Inf., Terms, Warranty	**PRICES:**	**Euro:** Price based on shipment ex factory	**US-$:** Price includes shipping, import charges and customs duty. *
When purchasing 1 – 4 pcs.		**€ 1.759,--**	**$ 2,610.--**
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 3 to 4 weeks - depending on work load in the factory at time of order.