



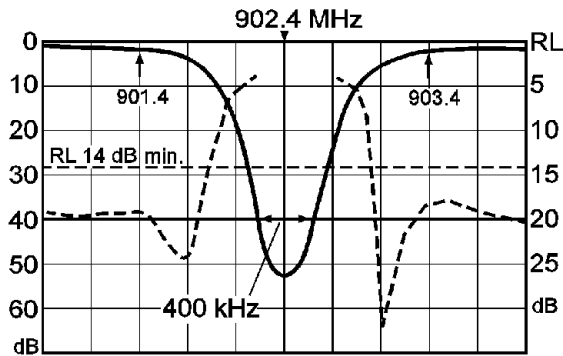
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8 Resonator
Ultra Stable Cavity Design
WRCT Series

Notch Filter
 Notch Fo 902.4 MHz

Model Number
WRCT 902.4-0.4/40-8
 (add connector code - see below)



At the **customer specified** notch center frequency RF power is suppressed over a notch band width of ± 200 kHz by 40 dB attenuation. The notch frequency can be re-adjusted using a screwdriver and with the help of a network analyzer. Within $\pm 1\%$ of Fo there will be little change of the notch shape.

**Very Flat Passband
from DC to 2500 MHz**

Specifications	
Notch Fo:	902.4 MHz
Notch BW:	400 kHz (Fo \pm 200 kHz)
Notch Attention:	40 dB min.
Passbands:	DC to 901.4 MHz and 903.4 to 2500 MHz
Passband Corners:	901.4 MHz and 903.4 MHz
Passband Loss:	1 dB max. <u>except</u> : 2.75 dB max. at passband corners.
Return Loss (50Ω) in Passband:	14 dB min. (17 dB typical)
Operating Temperature:	+15°C to +40°C
Dimensions and approx. Weight:	107 mm high x 120 x 240 mm <small>plus connectors</small> Approx. Weight: 4.6 kg (10.2 lbs)
Connector Code:	SMA-female = SS or N-female = EE
Mounting Provision:	4 x M4 threaded holes each on all sides – see drawing UMP-1 (Website)
Prices: When purchasing 1 – 4 pcs.	Euro: €1.594,-- 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.