



**Wainwright
Instruments GmbH**

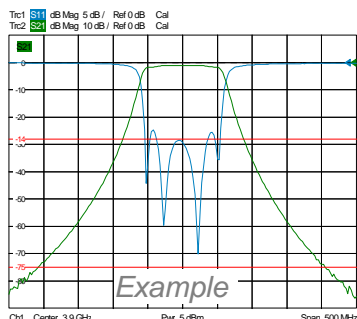
Widdersberger Str.14
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**6 Resonator
Cavity Design
WBCJ Series**

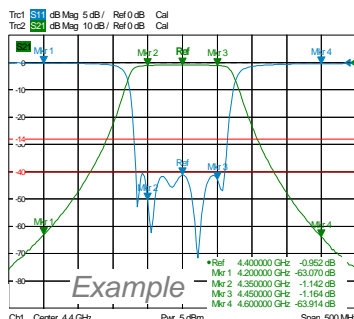
Tunable Bandpass Filter

Frequency Range 3900 MHz - 4900 MHz
 Passband Bandwidth 100 MHz

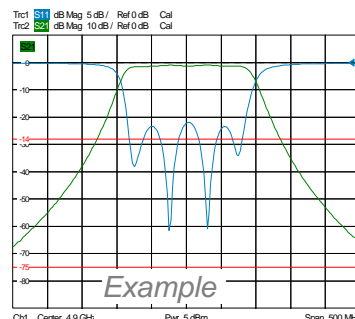
Model No.
**WBCJ 3900/4900-
 100/40-6 . . .**
 (add codes – see below)



Tuned to the low end

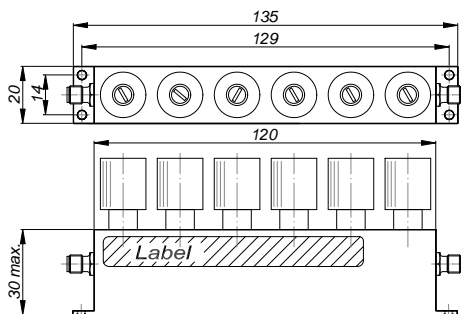


Tuned to 4400 MHz



Tuned to the high end

Model: **WBCJ3900/4900-100/40-6SSK**



Available
 with Tuning Knobs
 or Screwdriver Tunable

Specifications	WBCJ3900/4900-100/40-6 . . .	<p>Dear Customer: Please help us to serve your needs more precisely: Please let us know what power handling is most desirable for your application and what bandwidth (in MHz) would be the most useful for you in this frequency range.</p>
Passband:	100 MHz (nominal)	
Passband Loss:	1.8 dB max. at Fo 2.0 dB max. at Fo ±50 MHz	
Power Handling:	Not yet determined	
Return Loss (50Ω) in Passband:	14 dB min. = VSWR 1.5 : 1 max.	
Stopband: (40 dB min.)	DC to Fo -200 MHz and Fo +200 MHz to at least 8000 MHz	
Operating Temperature:	+15°C to +45°C	
Dimensions:	max. 30 mm high (plus knobs) x 20 x 120 mm (plus connectors and flanges)	
Approx. Weight:	0.45 kg (1.0 lbs)	
Connector Codes:	SMA-female = SS or N-female = EE	
Option Codes:	Filters with tuning knobs = K Filters with slots for screwdriver tuning = SD	
Mounting Provision:	7.5 mm mounting flanges with Ø3.2 holes	
Prices: When purchasing 1 - 4 pcs.	Euro: € 976,--	US-\$: <u>Will be quoted.</u>
Delivery Terms:	FCA Andechs-Frieding (free carrier) according to Incoterms 2000 . In Deutschland liefern wir frachtfrei gemäß CPT Incoterms 2000 (unversichert). Regarding payment terms and Warranty see Terms and Conditions	
Test Sheet with Analyzer Curves supplied		

Delivery Time: Will be quoted