

# WSF-000172 3G Receive Bandpass Filter

## ◆ Features:

- Excellent selectivity,  
>60db @ 1900MHz, and >50db  
@ 2000MHz. (Bandedges + 20MHz)
- Low Insertion Loss — 0.8dB Typical
- Small Size

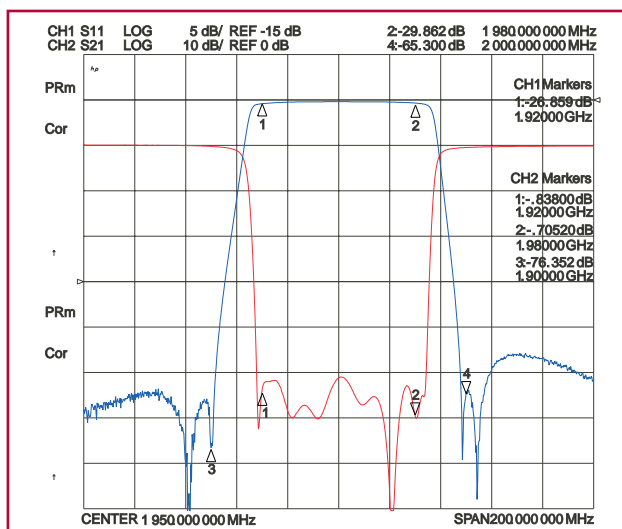


## ◆ Specifications:

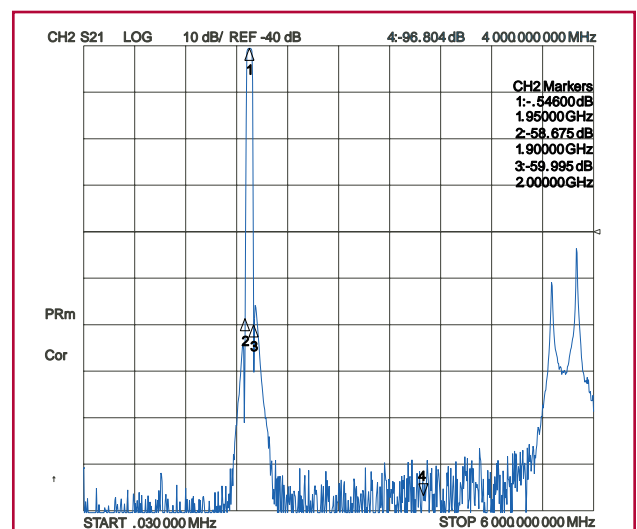
Passband:	1920 to 1980 MHz	Operating Temperature:	-25 to +70°C
Passband Insertion Loss:	1.0dB max.	Storage Temperature:	-40 to +85°C
Passband Flatness:	0.5db max.	Operating Humidity:	0 to 90%, relative, non-condensing
Passband Return Loss:	15dB min.	Dimensions: (excluding connectors)	4.79"L x 2.32"W x 1.31"H
Rejection:		Connectors:	N—F
DC - 1900MHz	60dB min.		
2000 - 4000MHz	50dB min.		
4000 - 6000MHz	40dB min.		

## ◆ Applications:

- Picocell, Microcell and Macrocell Basestation Installations
- Handset or Equipment Test Systems



**Passband Response**



**Out-of-Band Response**

**Filtering Solutions for Your Global Market**

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