



Reactel, Incorporated

RF & Microwave Filters, Multiplexers and Multifunction Assemblies
8031 Cessna Avenue Gaithersburg, Maryland 20879
Tel: 301-519-3660 • Fax: 301-519-2447 reactel@reactel.com • www.reactel.com

Quotation

Quotation Number: QU 12-JA-597

To: Dana Whiltow
Of: Arecibo Observatory
Phone: 727-878-2612 x328
E-mail: dwhiltow@naic.edu

From: Jim Assurian
Date: December 21, 2012
of pages: 4

David:

I am pleased to offer the following quotation in response to your recent inquiry. Please contact me with any questions or requests.

Reactel Part Number (Your Part Number)	Item Description	Qty	Price Each	Delivery
9C11-8600-X1GS11	Bandpass Filter	2-3	\$671.00	6-7 wks ARO
12CX7-2275-X170S11	Bandpass Filter	2-3	\$822.00	6-7 wks ARO
2DP11-2.3G/8.55G-X600/X1500S11	Diplexer	2-4	\$1025.00	6-7 wks ARO

Notes: The following pages contain simulated responses of the filters and their electrical specs.

Please contact me for additional information regarding this quotation.

Thanks,

Jim Assurian
Business Development
301-519-3660 x13 • jassurian@reactel.com

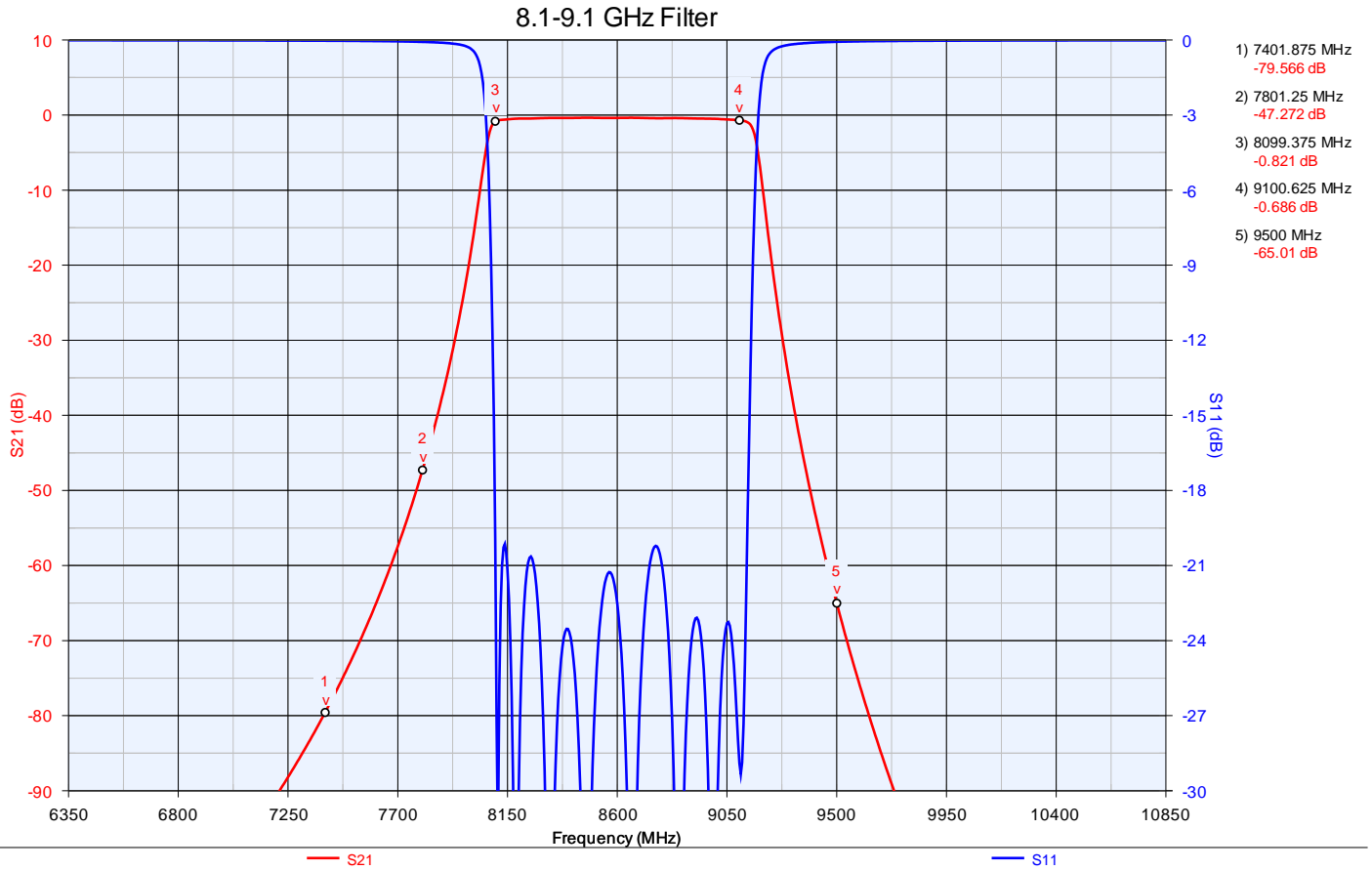
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9C11-8600-X1GS11

CF = 8600 MHz

Passband = 8100 – 9100 MHz, minimum

IL ≤ 1.0 dB @ Passband

≥ 40 dB @ 7800 & 9500 MHz

≥ 60 dB @ 5500 – 7400 & 10500 – 18000 MHz

≥ 80 dB @ DC – 5500 MHz

Operating Temperature: +15° to +50° C

Impedance = 50 Ω nominal in / out

Power: +20 dBm

Connectors: Type SMA Female in / out

Size: 0.5" high x 0.5" wide x 2.0" long, nominal excluding connectors

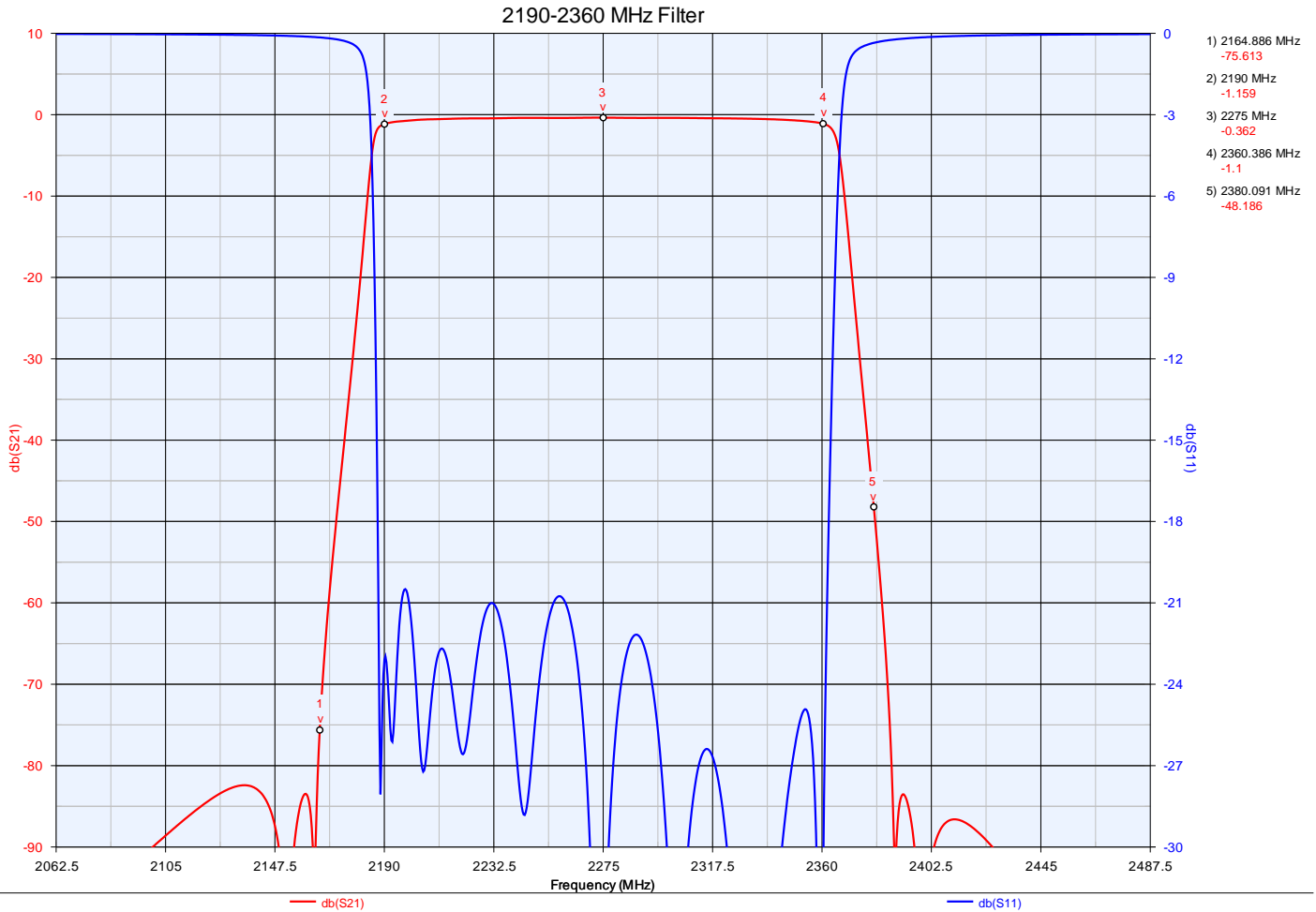
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12CX7-2275-X170S11

CF = 2275 MHz

Passband = 2190 – 2360 MHz, minimum

IL ≤ 2.0 dB @ Passband

≥ 65 dB @ 2125 - 2165 MHz

≥ 40 dB @ DC – 2125 & 2380 – 14000 MHz

Impedance = 50 Ω nominal in / out

Power: +20 dBm

Operating Temperature: +15° to +50° C

Connectors: Type SMA Female in / out

Size: 0.5" high x 0.5" wide x 2.0" long, nominal excluding connectors

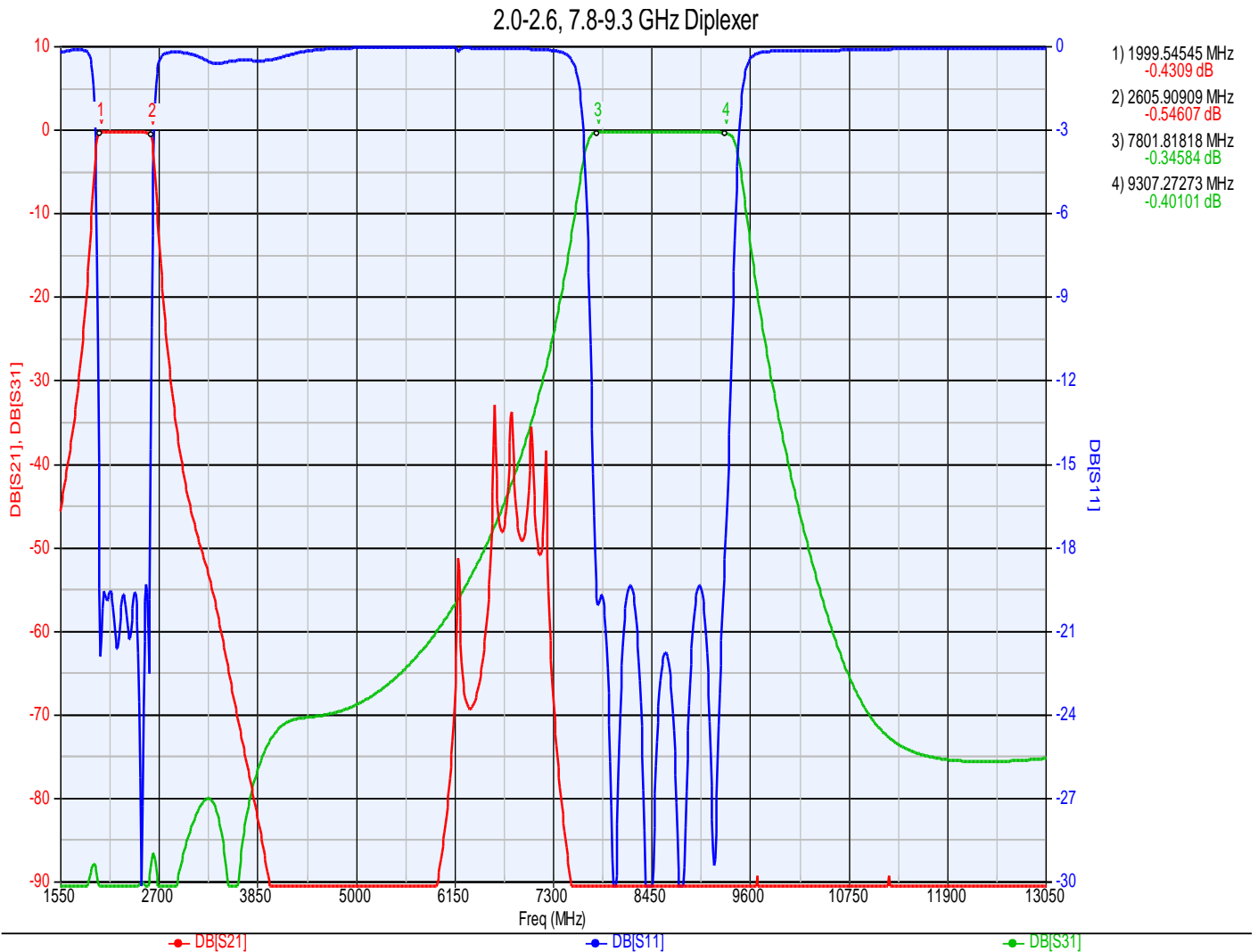
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2DP11-2.3G/8.55G-X600/X1500S11

- Low Passband = 2000 – 2600 MHz, minimum
- High Passband = 7800 – 9300 MHz, minimum
- IL ≤ 1.0 dB @ Passbands
- Channel – to – Channel Isolation ≥ 40 dB
- Impedance = 50 Ω nominal in / out
- Power: +20 dBm
- Operating Temperature: +15° to +50° C
- Connectors: Type SMA Female All ports
- Size: 1.0" high x 1.75" wide x 3.0" long, nominal excluding connectors

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