



2010 nH = 114Ω @ 9 MHz, 139Ω @ 11 MHz 11MHz  
531 pF = (-j30Ω @ 10 MHz)  
50 ohms

# COMDEL

## Radio Frequency Fundamentals

### A Comdel RF Training Program

#### Program Overview:

Broaden your knowledge of radio frequency technology through an intensive 4-hour course from Comdel. Our programs are conveniently offered on-site at your location.

We custom tailor our programs to your specific needs. Our instructors will present the fundamentals of RF technology, as well as the more detailed aspects of your specific Comdel supplies. The material is presented from a users perspective using systems and examples from “real life” plasma applications. Our goal is to provide you with the information you need to feel comfortable with the technology you work with on a regular basis.

Students will receive a participant guide book filled with exercises, excellent reference information, and troubleshooting tips.

#### Who should attend:

The course is designed for equipment engineers, process engineers, electrical engineers and field service technicians who would like to gain a better understanding of RF technology and how it's being applied to your systems. Those individuals involved in the maintenance, calibration, or support of RF technology would also benefit from this course.

#### What questions will you find answers to? Here are just a few:

- What constitutes an RF delivery system?
- What are the relationships between: resistance, reactance, impedance, conductance, and admittance?
- What's the difference between forward power and delivered power?
- How do matching networks work?
- What is a Smith Chart?
- How can we troubleshoot the RF delivery system?

#### How do I get the answers?

Please contact our training coordinator at 1-800-468-3144 (toll free) or 978-282-0620 x102 for more information or to set up an appointment to bring this interactive training program to your organization.