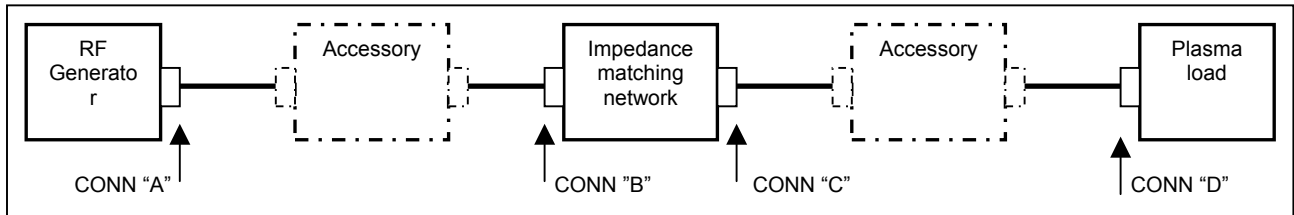


# COAX CABLE WORK SHEET

Proper coaxial cable configurations are required to connect an RF generator, impedance matching network, accessory (such as an external power meter, dummy load, attenuator or RF sensor). The plasma load (sputter gun, ICP source or electrode) may also be connected to the matching network output via a coaxial cable in low power applications < 1Kw).

Please document below customer specifications for a coaxial cable. Typical industry specifications are provided. OEM or custom specifications may be identified using the write in areas. *Use one worksheet for each cable type.*



Application:

- RF generator to impedance matching network
- matching network to plasma load
- other \_\_\_\_\_

Frequency of operation:

- 13.56 MHz
- 27.12 MHz
- \_\_\_\_\_ KHz
- \_\_\_\_\_ MHz

RF Power level:

- < 300 watts
- 300 – 600 watts
- 600 – 1200 watts
- 1200 – 2000 watts
- 2500 watts
- 3000 – 5000 watts
- \_\_\_\_\_ watts

RF generator output connector type "A":

- male
- female
- BNC
- UHF
- C
- N
- HN
- 7/16 DIN
- LC
- EIA
- other \_\_\_\_\_

Matching network input connector type "B":

- male
- female
- BNC
- UHF
- C
- N
- HN
- 7/16 DIN
- LC
- EIA
- other \_\_\_\_\_

Matching network output connector type "C":

- male
- female
- BNC
- UHF
- C
- N
- HN
- 7/16 DIN
- LC
- EIA
- other \_\_\_\_\_

Plasma load connector type "D":

- male
- female
- BNC
- UHF
- C
- N
- HN
- 7/16 DIN
- LC
- EIA
- other \_\_\_\_\_

Distance between RF generator and matching network:  \_\_\_\_\_ ft.

TYPICAL RF CONNECTOR TYPES	
CABLE END	DEVICE END

Distance between matching network and plasma load:  \_\_\_\_\_ ft.

Special instructions:  \_\_\_\_\_

