

F 4511

DEFLECTION AND FOCUS COIL ASSEMBLY
FOR IMAGE DISSECTOR

APPLICABLE TUBE TYPES: FW122, FW125, FW146, F4010

DIMENSIONS:

| | |
|------------------|--|
| Length | 14.5 inch (add 0.25 inch for terminals) |
| Inside diameter | 4.75 inches |
| Outside diameter | 6.75 inches |
| Weight | 16.75 pounds |

ELECTRICAL SPECIFICATIONS:

A coil assembly may be any combination of the types listed. Other designs are available on special order. (Note 3)

| <u>Deflection coils</u> (specify type for inner and outer coils) (Note 3) | | | | | |
|---|----------------------------|--------------------|--|-----------------------------|-------------------------------|
| Type | Inductance @ 1 KC mh | Resistance ohms | Deflection Sensitivity (Note 1) Amps/inch | Resonant Frequency KC | Max. DC Current Amperes |
| A | 36 | 400. | 0.050 | 50 | 1 |
| B | 10 | 120. | 0.250 | 500 | 1 |
| C | 2.75 | 25. | 0.160 | 750 | 4 |
| D | .340 | 1.15 | 0.6 | | 6 |
| E | .081 | 0.58 | 1.2 | | 6 |
| F | .020 | 0.30 | 1.8 | 7MC | 6 |

| <u>Focus Coils</u> (Specify type for static and dynamic focus) (Note 3) | | | | | |
|---|--------------------|--------------------------------|---------|--------------------|----------------------------|
| Static | | | Dynamic | | |
| Type | Resistance ohms | Current (Note 2) Amperes | Type | Resistance ohms | Inductance @ 1 KC mh |
| A | 2900 | .056 | A | 256 | 169 |
| B | 105 | .145 | B | 19 | 13 |
| C | 75 | .130 | C | 6.7 | 4.25 |
| D | 66 | .150 | | | |
| E | 42 | .150 | | | |

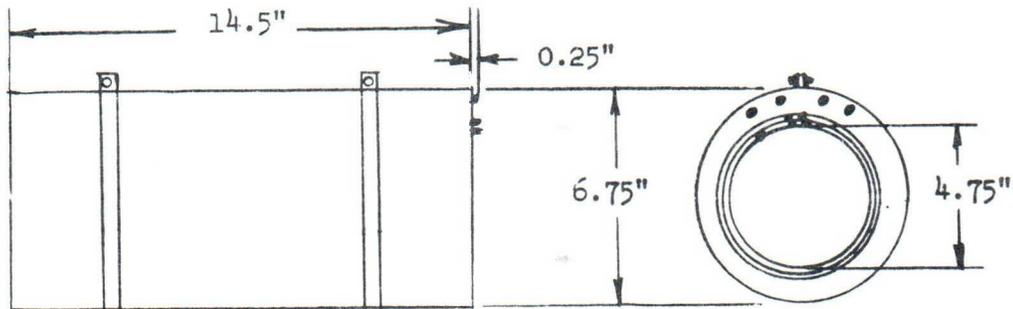
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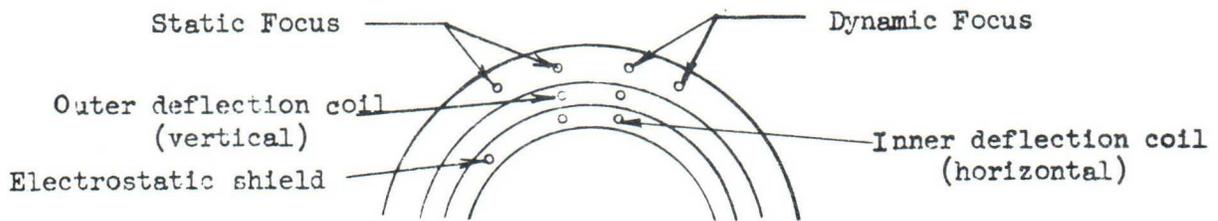
NOTES:

1. Image Section voltage (PC to D1) = 600V
2. At First Focus
3. Example: F 4511 CBDB

First Letter - inner deflection coil: C(2.75 mh)
 Second Letter - outer deflection coil: B(10 mh)
 Third Letter - static focus coil: D(66 ohms)
 Fourth Letter - dynamic focus coil: B(19 ohms)



DIMENSIONS



TERMINAL LOCATION

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