

Digital Injectors

For use on a digital transmitter to inject the digital signal into the analog stream. Does not include the dummy load.

- Cost-effective, compact design
- Covers entire FM band
- 6, 7, 8, 9, and 10-dB \pm 1/4 dB coupling values

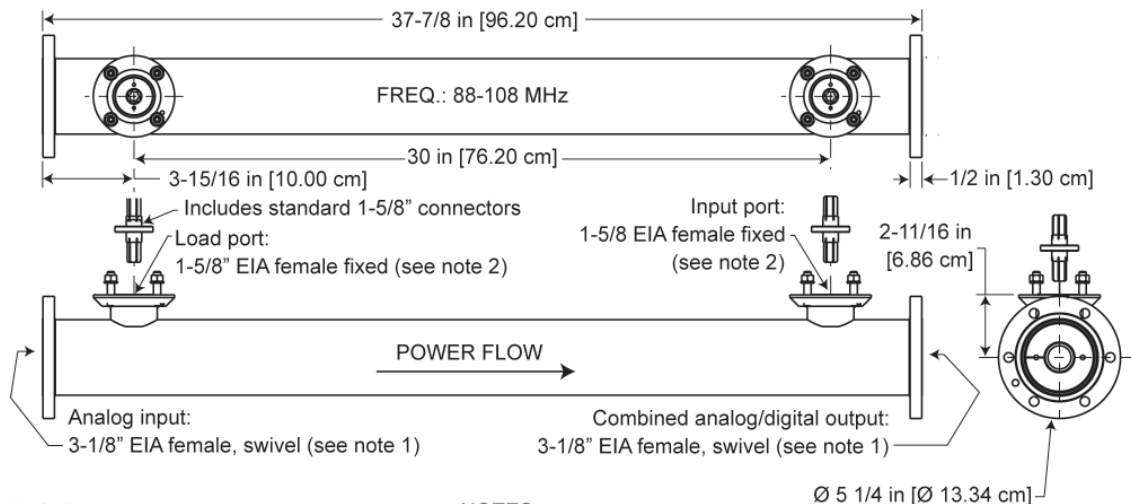


3" injector with optional input adapters

3-inch injectors:

	5626	5636	5646	5656	5666
Power Rating:	--- Total combined digital and analog power of 40 kW ---				
Analog Input and Combined Output:	--- 3-1/8" EIA female flanged; easily adapted to other configurations ---				
Digital Input and Load Port:	--- 1-5/8" EIA male flanged, easily adapted to other configurations ---				
Coupling Values:	10 dB	9 dB	8 dB	7 dB	6 dB
Weight:	--- 26 lb. (11.8 kg) ---				

Dimensions:



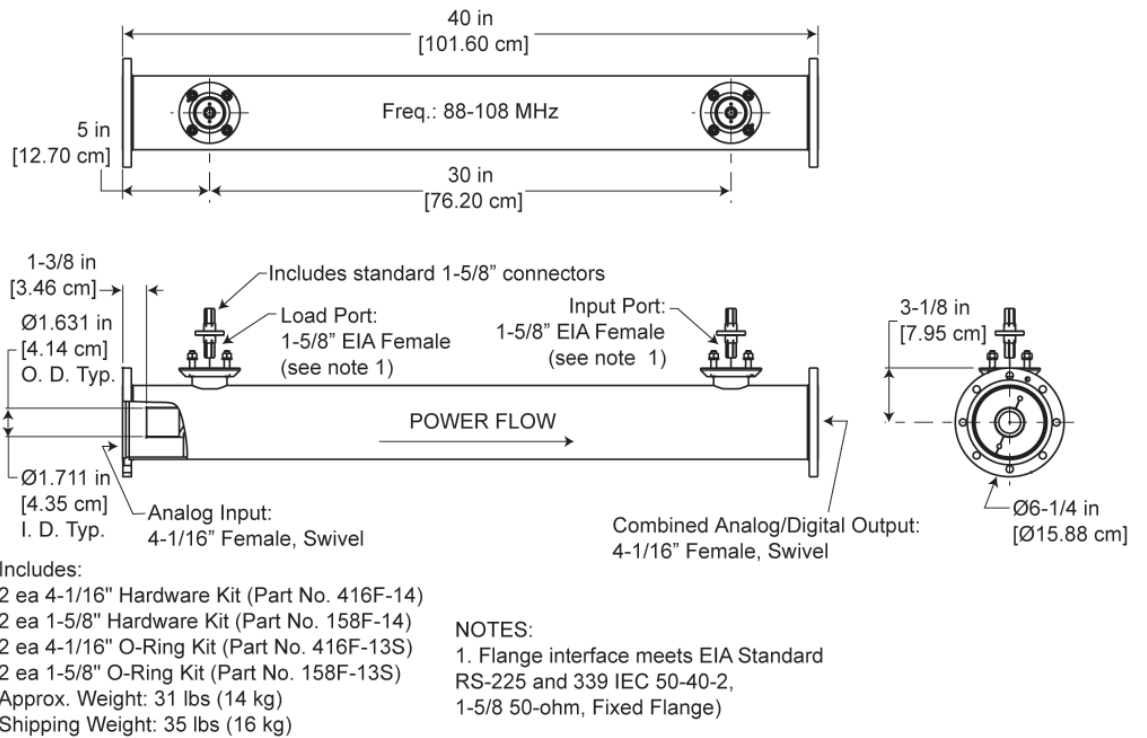
Includes:
 2 ea 3-1/8" Hardware Kit (Part No. 318F-14)
 2 ea 1-5/8" Hardware Kit (Part No. 158F-14)
 2 ea 3-1/8" O-Ring Kit (Part No. 318F-13S)
 2 ea 1-5/8" O-Ring Kit (Part No. 158F-13S)
 Approx. Weight: 26 lb (11.8 kg)
 Shipping Weight: 30 lb (13.6 kg)

NOTES:
 1. Flange interface meets EIA standard RS-225 and 339 IEC 50-80-3, (3-1/8 50-ohm, swivel flange).
 2. Flange interface meets EIA standard RS-225 and 339 IEC 50-40-2, (1-5/8 50-ohm, fixed flange).

4-inch injectors:

	5426	5436	5446	5456	5466
Power rating:	--- Total combined digital and analog power of 70 kW ---				
Analog input and combined output:	--- 4-1/16" EIA female flanged; easily adapted to other configurations ---				
Digital input and load port:	--- 1-5/8" EIA male flanged, easily adapted to other configurations ---				
Coupling values:	10 dB	9 dB	8 dB	7 dB	6 dB
Weight:	--- 31 lb. (14.2 kg) ---				

Dimensions (4" injector):



The effect of changing antenna VSWR on analog to digital isolation

