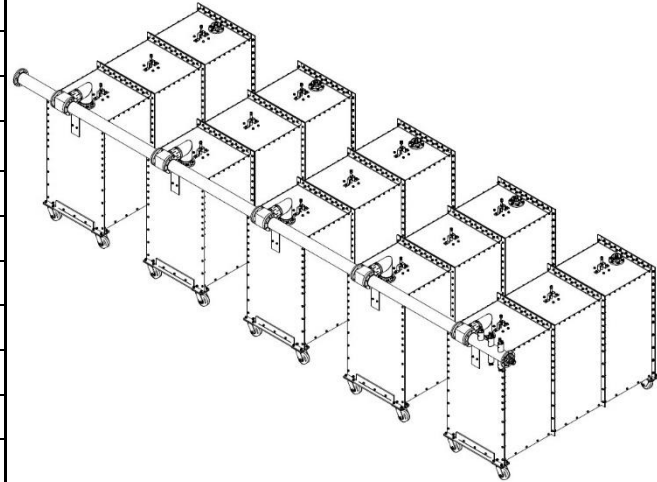


## Data for Models DFC-2400-3M-5 and DFC-2400-4M-5 Five-Station Branched Combiners

### Performance Specifications:

| Specification                    | 24" Cavity |        |
|----------------------------------|------------|--------|
|                                  | 3-Pole     | 4-Pole |
| Passband                         | +/- 200kHz |        |
| VSWR                             | < 1.10     |        |
| Typical Insertion Loss*          |            |        |
| $f_o$                            | .17dB      | .32dB  |
| +/- 150kHz                       | .20dB      | .38dB  |
| +/- 200kHz                       | .25dB      | .47dB  |
| Typical Group Delay**            |            |        |
| +/- 150kHz                       | 50ns       | 200ns  |
| +/- 200kHz                       | 120ns      | 450ns  |
| Typical Isolation Between Inputs |            |        |
| 800kHz CH Spacing                | N/A        | 36dB   |
| 1.8MHz CH Spacing                | 36dB       | 40dB   |
| Max Input Power                  | 28kW       | 23kW   |

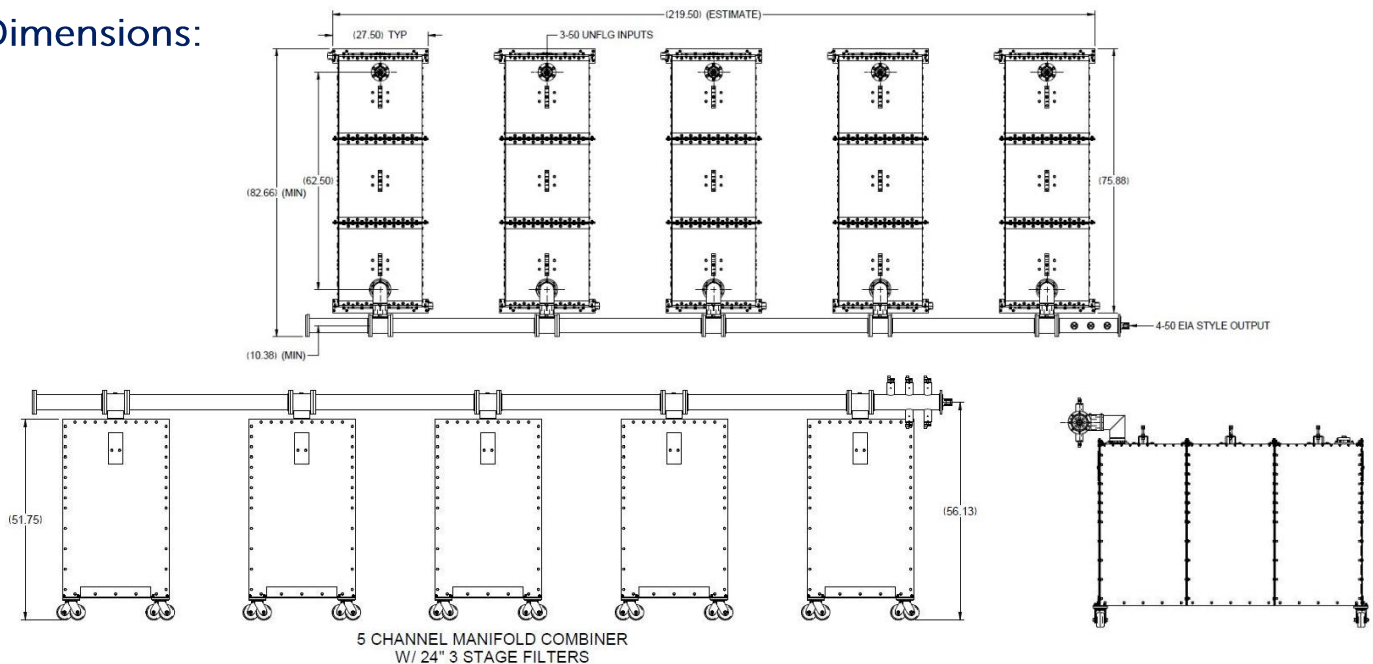


Note: Layout can be reconfigured based on space availability.

\* Filter loss is specified for tight channel spacing at 108MHz and is the filter only, add .08dB per channel in combiner. Loss improves approximate .05dB for greater CH spacings and lower frequencies.

\*\* Delay variation based on 800kHz CH spacing for 4-pole filter and 1.8MHz spacing for 3-pole filter.

### Dimensions:



\*Dimensions will vary based on channel of use.

Specifications subject to change. 9/2/20