



# 1870-1910 MHz / 1950-1990 MHz Cavity Duplexer



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

**Part Number: AE1890-1970DB0045-B**

| <u>Characteristics</u>   | <u>Band 1</u> | <u>Band 2</u> |
|--------------------------|---------------|---------------|
| Passband:                | 1870-1910 MHz | 1950-1990 MHz |
| Bandwidth:               | 40 MHz        | 40 MHz        |
| Passband Insertion Loss: | ≤ 1.0dB       | ≤ 1.0dB       |
| Passband Return Loss:    | ≥ 14dB        | ≥ 14dB        |
| Isolation:               | ≥ 35dB        | ≥ 35dB        |

| <u>Mechanical</u> |                           |
|-------------------|---------------------------|
| Connector Type:   | SMA(F)                    |
| Dimensions:       | 3.45 x 1.5 x 1.64 inches. |

| <u>Environmental</u>   |                  |
|------------------------|------------------|
| Operating Temperature: | -40 to +70 deg.C |
| Storage Temperature:   | -50 to +85 deg.C |

## Outline Drawing:

