



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1920-1930 MHz / 2110-2120 MHz Cavity Duplexer

Part Number: AD1925-2115D446



| <u>Characteristics</u> | <u>Band 1</u> | <u>Band 2</u> |
|--|--------------------|--------------------|
| Passband: | 1920-1930 MHz | 2110-2120 MHz |
| Bandwidth: | 10 MHz | 10 MHz |
| Passband Return Loss: | ≥20 dB | ≥20 dB |
| Passband Insertion Loss: | ≤0.6 dB | ≤0.5 dB |
| Input / Output Impedance: | 50 Ohms | 50 Ohms |
| Isolation: | ≥60 dB | ≥60 dB |
| Power Handling: | 100 W | 100 W |
| Intermodulation (3rd order): | 140 dBc @ 2 x 20 W | 140 dBc @ 2 x 20 W |

| <u>Mechanical</u> | |
|-------------------------|-------------------------|
| Mounting Method: | Threaded Mounting Holes |
| Connector Type: | DIN (F) |
| Dimensions: | 142 x 123 x 39 mm |

| <u>Environmental</u> | |
|-------------------------------|------------------|
| Operating Temperature: | -40 to +65 deg.C |
| Storage Temperature: | -50 to +90 deg.C |
| Relative Humidity: | 0-95% |
| Weather Sealing: | IP65 |

Outline Drawing:

