

## Low PIM Attenuator

## ALPXX400DA

**\*555-6000MHz, 400 Watts, 160dBC, DIN 7/16 Connector**



### Electrical

|                        |                                                                                                |    |    |    |    |     |
|------------------------|------------------------------------------------------------------------------------------------|----|----|----|----|-----|
| <b>Impedance</b>       | 50 ohm                                                                                         |    |    |    |    |     |
| <b>Frequency Range</b> | *555-6000 MHz for 6-30dB, 555-4000MHz for 40dB                                                 |    |    |    |    |     |
| <b>Return Loss</b>     | ≥ 18dB (Input Port)                                                                            |    |    |    |    |     |
| <b>Input Avg Power</b> | 400W                                                                                           |    |    |    |    |     |
| <b>PIM (Intermod)</b>  | -160dBc min (with 2×20W tones at 850&2600MHz@25°C)                                             |    |    |    |    |     |
| <b>Direction</b>       | Unidirectional, DIN 7/16 female input, DIN 7/16 female output (other configurations available) |    |    |    |    |     |
| <b>Attenuation(dB)</b> | 6                                                                                              | 10 | 15 | 20 | 30 | *40 |
| <b>Accuracy(dB)</b>    | ±2                                                                                             | ±2 | ±2 | ±2 | ±2 | ±2  |

### Mechanical

|                       |                                |
|-----------------------|--------------------------------|
| <b>Connector Body</b> | Ternary alloy plated brass     |
| <b>Heat Sink</b>      | Black anodized aluminum        |
| <b>Center Contact</b> | Silver plated beryllium copper |
| <b>Net Weight</b>     | Approx 9 kg                    |

### Environmental

|                           |                                       |
|---------------------------|---------------------------------------|
| <b>Operating Temp</b>     | -40°C to 75°C                         |
| <b>RoHS</b>               | Compliant                             |
| <b>Ingress Protection</b> | IP40<br>(IP65 available upon request) |

### Dimensions(mm)

