

## Low PIM Attenuator

## ALPXX400FA1

400-6000MHz, 400 Watts, 160dBC, 4.3-10 Connector

### Electrical

|                 |                                                                                            |      |      |
|-----------------|--------------------------------------------------------------------------------------------|------|------|
| Impedance       | 50 ohm                                                                                     |      |      |
| Frequency Range | 400-6000 MHz                                                                               |      |      |
| Return Loss     | ≥ 18dB (Input Port), ≥ 16dB (Output Port),                                                 |      |      |
| Input Avg Power | 400W                                                                                       |      |      |
| PIM (Intermod)  | -160dBc min (with 2×20W tones at 850&2600MHz@25°C)                                         |      |      |
| Direction       | Unidirectional, 4.3-10 female input, 4.3-10 female output (other configurations available) |      |      |
| Attenuation(dB) | 6                                                                                          | 10   | 30   |
| Accuracy(dB)    | ±1.6                                                                                       | ±1.6 | ±1.6 |

### Mechanical

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

### Environmental

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

### Dimensions(mm)

