

[Accelerate](#) / DOUBLE\_COMPLEX\_SPLIT

## Type Alias

# DOUBLE\_COMPLEX\_SPLIT

iOS | iPadOS | Mac Catalyst | macOS | tvOS | visionOS | watchOS

```
typealias DOUBLE_COMPLEX_SPLIT = DSPDoubleSplitComplex
```

## See Also

## Data types

```
typealias vDSP_Length
```

An unsigned-integer value that represents the size of vectors and the indices of elements in vectors.

```
typealias vDSP_Stride
```

An integer value that represents the differences between indices of elements, including the lengths of strides.

```
struct DSPComplex
```

A structure that represents a single-precision complex value.

```
typealias COMPLEX_SPLIT
```

```
struct DSPDoubleComplex
```

A structure that represents a double-precision complex value.

```
struct DSPSplitComplex
```

A structure that represents a single-precision complex vector with the real and imaginary parts stored in separate arrays.

`struct DSPDoubleSplitComplex`

A structure that represents a double-precision complex vector with the real and imaginary parts stored in separate arrays.

`struct VectorizableDouble`

A structure that represents a double-precision real value for biquadratic filtering and discrete Fourier transforms.

`struct VectorizableFloat`

A structure that represents a single-precision real value for biquadratic filtering and discrete Fourier transforms.