

[Apple CryptoKit](#) / XWingMLKEM768X25519

## Enumeration

# XWingMLKEM768X25519

The X-Wing (ML-KEM768 with X25519) Key Encapsulation Mechanism, defined in <https://datatracker.ietf.org/doc/html/draft-connolly-cfrg-xwing-kem-06>

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | tvOS 26.0+ | visionOS 26.0+ | watchOS 26.0+

```
enum XWingMLKEM768X25519
```

## Topics

### Keys

```
struct PrivateKey
```

```
struct PublicKey
```

## Relationships

### Conforms To

```
Sendable, SendableMetatype
```

## See Also

# Key encapsulation mechanisms (KEM)

enum KEM

A key encapsulation mechanism.

enum MLKEM768

The Module-Lattice key encapsulation mechanism (KEM).

enum MLKEM1024

The Module-Lattice key encapsulation mechanism (KEM).