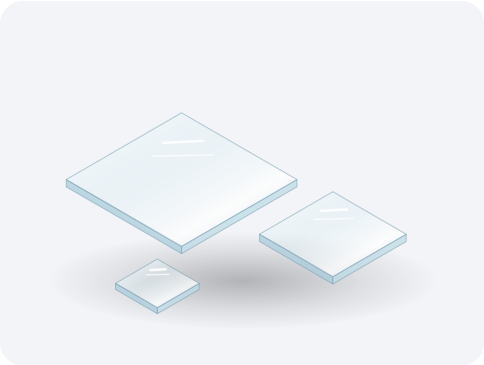
SERIES S26 · CRYSTAL QUARTZ

Single-crystal quartz substrates



Crystalline α-quartz cut to defined orientations. Birefringent and piezoelectric, used for wave plates, SAW and QCM devices, and as an epitaxial or reference substrate.

- Double-side polished, Ra < 1 nm
- $n_o \approx 1.544$ at 589 nm
- ST- and AT-cuts for temperature-stable acoustics
- Custom cuts on request

CONFIGURATIONS

Ref. No.	Size	Thickness	Cut	Price
S2601	10 × 10 mm	0.5 mm	Z-cut	On request
S2602	10 × 10 mm	0.5 mm	X-cut	On request
S2603	10 × 10 mm	0.5 mm	Y-cut	On request
S2604	10 × 10 mm	0.5 mm	AT-cut	On request
S2605	10 × 10 mm	1.0 mm	Z-cut	On request
S2606	10 × 10 mm	1.0 mm	X-cut	On request
S2607	10 × 10 mm	1.0 mm	Y-cut	On request
S2608	10 × 10 mm	1.0 mm	AT-cut	On request
S2609	2" / 50.8 mm	0.5 mm	Z-cut	On request
S2610	2" / 50.8 mm	0.5 mm	X-cut	On request
S2611	2" / 50.8 mm	0.5 mm	AT-cut	On request
S2612	2" / 50.8 mm	0.5 mm	ST-cut	On request
S2613	3" / 76.2 mm	0.5 mm	Z-cut	On request
S2614	3" / 76.2 mm	0.5 mm	AT-cut	On request
S2615	3" / 76.2 mm	0.5 mm	ST-cut	On request

Specifications are typical values; every lot ships with a Certificate of Conformance, and measured data are available on request. Prices on request.