

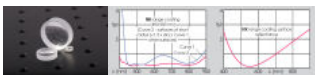
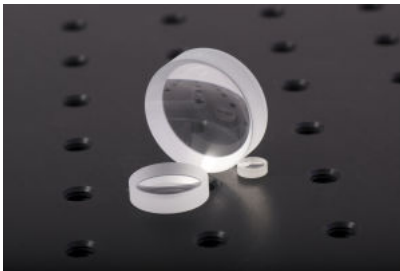
+44 (0)1223 866120



(/components)

Home (<https://www.comaroptics.com/>) > Components Store (<https://www.comaroptics.com/components>) > Lenses (<https://www.comaroptics.com/components/lenses>) > Concave lenses (<https://www.comaroptics.com/components/lenses/concave-lenses>) > Quality concave lenses (<https://www.comaroptics.com/components/lenses/concave-lenses/quality-concave-lenses>)

Quality concave lenses



Enlarge main image

Related products

Negative doublets (</products/lenses/doublet-lenses/negative-achromatic-doublets>)

Description

Negative lenses form a reduced virtual image of a real object (as in door viewers). However, if inserted such as a microscope upstream from an image plane, the image will be magnified and projected further. This lens is known in microscopy as a tube-length correction lens and in astronomy as a Barlow lens.

We offer these lenses either uncoated or AR coated: the crown lenses (the majority of the range) are co-visible plus near-IR (450-900nm), and the SF11 high-index lenses have a single-layer AR coating for the curves).

These lenses can readily and quickly be supplied edged to your particular requirements if standard diam not suit. Simply click on the 'Modify' button and enter the size you require on the web form. We will get very quickly to confirm your needs and can normally provide the edged lens within 5 working days.

Specification Technical Options Sets with special pricing

Form	planoconcave
Diameter	+0, -0.1mm
Focal length	±0.2mm (≤10mm) ±2% (>10mm)
Scratch-dig	40-20 See specifications for details (/technical/specifications-and-quality)
Centration	0.1mm (FL≤40mm) 2.5mrad (FL > 40mm)
AR coating	multilayer for 450-900nm (except SF11 lenses – SLAR). See below.
Material data	See optical materials (http://comarnew.realnet2000.co.uk/technical/optical-materials)

We give below typical reflectance (per surface) performance for AR coated lenses. Two typical curves are shown for the 00nm coating. Curve 2 applies only to convex surfaces of short radius (R greater than 1.22 x dia) and Curve 1 to all other surfaces.

Click here to filter results

Item code	Focal length (mm)	Diameter (mm)	Coating type	Back FL (mm)	Centre thickness (mm)	Edge thickness (mm)	Radius (mm)	Glass type	Price per item (£ GBP)	Stock available	Volume discount available	Datasheets & customisation options
04 NT 025 (/images/general/products/large/NT NQ_1.jpg)	4	2.5	Uncoated		4.4	0.75	1	SF11	£19.69			(/)
04 NX 025 (/images/general/products/large/NT NQ_1.jpg)	4	2.5	Single-layer AR coated		4.4	0.75	1	SF11	£39.16			(/)
06 NT 04 (/images/general/products/large/NT NQ_1.jpg)	6.3	4	Uncoated		6.9	1	1.4	SF11	£19.69			(/)
06 NX 04	6.3	4	Single-layer AR coated		6.9	1	1.4	SF11	£36.41			(/)
10 NT 06 (/images/general/products/large/NT NQ_1.jpg)	10	6.3	Uncoated		10.8	1.5	2.2	SF11	£16.83			(/)
10 NX 06	10	6.3	Single-layer AR coated		10.8	1.5	2.2	SF11	£36.41			(/)
16 NB 10 (/images/general/products/large/NT NQ_1.jpg)	16	10	AR coated 450-900nm	17	1.5	3.2	8.27	BK7	£28.60			(/)
16 NQ 10 (/images/general/products/large/NT NQ_1.jpg)	16	10	Uncoated		17	1.5	3.2	BK7	£16.83			(/)
25 NB 10 (/images/general/products/large/NT NQ_1.jpg)	25	10	AR coated 450-900nm	26	1.5	2.5	12.9	BK7	£28.60			(/)

25 NQ 10 (/images/general/products/large/NT_NQ_1.jpg)	25	10	Uncoated	26	1.5	2.5	12.9	BK7	£16.83	(/)
25 NB 16 (/images/general/products/large/NT_NQ_1.jpg)	25	16	AR coated 450-900nm	26	1.5	4.2	12.9	BK7	£29.92	(/)
25 NQ 16 (/images/general/products/large/NT_NQ_1.jpg)	25	16	Uncoated	26	1.5	4.2	12.9	BK7	£18.26	(/)
25 NT 25 (/images/general/products/large/NT_NQ_1.jpg)	25	25	Uncoated	25.8	1.5	6	19.6	SF11	£23.76	(/)
25 NX 25	25	25	Single-layer AR coated	25.8	1.5	6	19.6	SF11	£36.41	(/)
32 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	31.5	25	AR coated 450-900nm	32.5	1.5	7.4	16.3	BK7	£34.43	(/)
32 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	31.5	25	Uncoated	32.5	1.5	7.4	16.3	BK7	£21.01	(/)
40 NB 10 (/images/general/products/large/NT_NQ_1.jpg)	40	10	AR coated 450-900nm	41	1.5	2.1	20.9	BK7	£28.60	(/)
40 NQ 10 (/images/general/products/large/NT_NQ_1.jpg)	40	10	Uncoated	41	1.5	2.1	20.9	BK7	£16.83	(/)
40 NB 16 (/images/general/products/large/NT_NQ_1.jpg)	40	16	AR coated 450-900nm	41	1.5	3.1	20.9	BK7	£30.58	(/)
40 NQ 16 (/images/general/products/large/NT_NQ_1.jpg)	40	16	Uncoated	41	1.5	3.1	20.9	BK7	£17.60	(/)
40 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	40	25	AR coated 450-900nm	41	1.5	5.6	20.7	BK7	£32.45	(/)
40 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	40	25	Uncoated	41	1.5	5.6	20.7	BK7	£18.92	(/)
50 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	50	25	AR coated 450-900nm	51	1.5	4.7	25.8	BK7	£32.45	(/)
50 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	50	25	Uncoated	51	1.5	4.7	25.8	BK7	£18.26	(/)
63 NB 16 (/images/general/products/large/NT_NQ_1.jpg)	63	16	AR coated 450-900nm	64	1.5	2.5	32.6	BK7	TBA	(/contact/stock_query/63 NB 16)(/)
63 NQ 16 (/images/general/products/large/NT_NQ_1.jpg)	63	16	Uncoated	64	1.5	2.5	32.6	BK7	£17.60	(/)
63 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	63	25	AR coated 450-900nm	64	1.5	4	32.6	BK7	£31.24	(/)
63 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	63	25	Uncoated	64	1.5	4	32.6	BK7	£18.26	(/)
100 NB 16 (/images/general/products/large/NT_NQ_1.jpg)	100	16	AR coated 450-900nm	101	1.5	2.1	51.7	BK7	TBA	(/contact/stock_query/100 NB 16)(/)
100 NQ 16 (/images/general/products/large/NT_NQ_1.jpg)	100	16	Uncoated	101	1.5	2.1	51.7	BK7	£17.60	(/)
100 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	100	25	AR coated 450-900nm	101	1.5	3	51.7	BK7	£31.24	(/)
100 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	100	25	Uncoated	101	1.5	3	51.7	BK7	TBA	(/contact/stock_query/100 NQ 25)(/)
160 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	160	25	AR coated 450-900nm	161	1.5	2.4	82.7	BK7	£31.24	(/)
160 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	160	25	Uncoated	161	1.5	2.4	82.7	BK7	£18.26	(/)
250 NB 25 (/images/general/products/large/NT_NQ_1.jpg)	250	25	AR coated 450-900nm	251	1.5	2.1	129	BK7	TBA	(/contact/stock_query/250 NB 25)(/)
250 NQ 25 (/images/general/products/large/NT_NQ_1.jpg)	250	25	Uncoated	251	1.5	2.1	129	BK7	£18.26	(/)

For more information regarding stock availability icons, please see our shipping page (/shipping).

Components

Lenses

(/components/lenses)

Filters

(/components/filters)

Plano optics

(/components/plano-optics)

Electro-optics

(/components/electro-optics)

Optomechanics

(/components/optomechanics)

Useful info

Returns

(/uploads/rma.pdf)

Shipping info (/shipping)

Open an account

(/register)

Customize enquiry

(/contact/modify)

Request a catalogue

(/contact/request-catalogue)

Contact us (/contact)

FEEDBACK (/contact)

Your comments help us improve our service

+44 (0)1223 866120

info.uk@comaroptics.com

(mailto:info.uk@comaroptics.com)

Registered office: Comar Optics Ltd, Photon House, Station Road, Linton, Cambridge, CB21 4NW, UK

[Privacy policy \(/privacy\)](#) | [Terms and conditions \(/terms\)](#) | [Terms of sale \(/terms-of-sale\)](#) | [Sitemap \(/sitemap\)](#)

