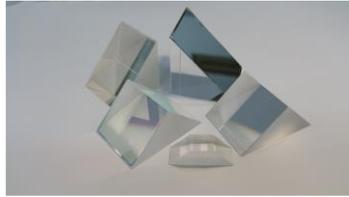
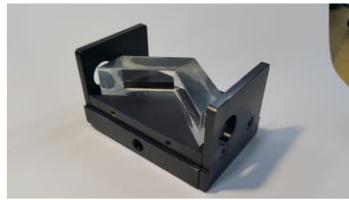
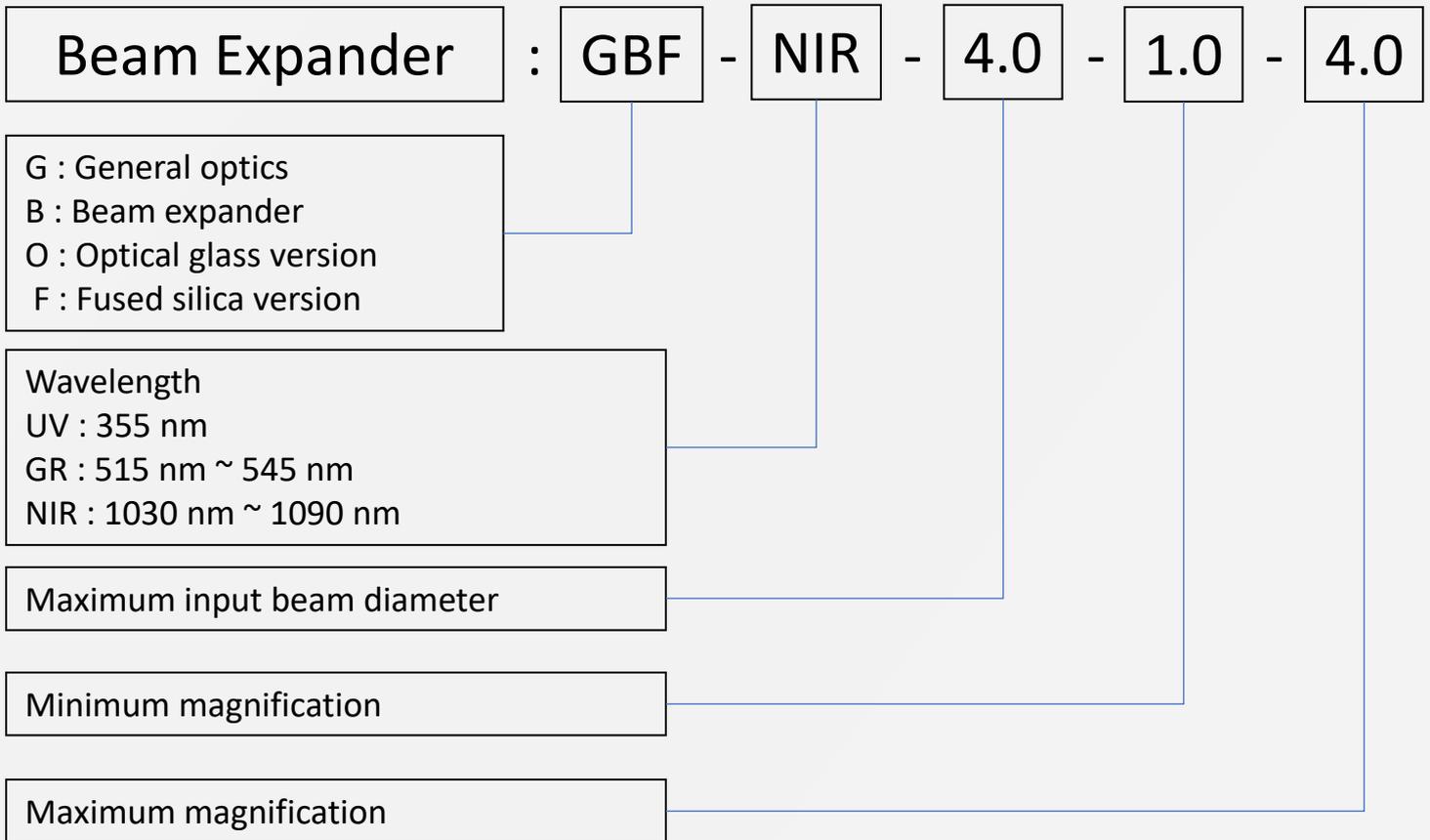




Beam Expander Catalog



Beam Expander Selection Guide



- Extended version is possible by the needs of the customers.

Product list

Model name	Max. Input beam diameter	Magnification	Page number
GBF-UV-4.0-1.0-4.0	4.0 mmØ	1X to 4X	2 page
GBF-GR-4.0-1.0-4.0	4.0 mmØ	1X to 4X	3 page
GBF-NIR-4.0-1.0-4.0	4.0 mmØ	1X to 4X	4 page

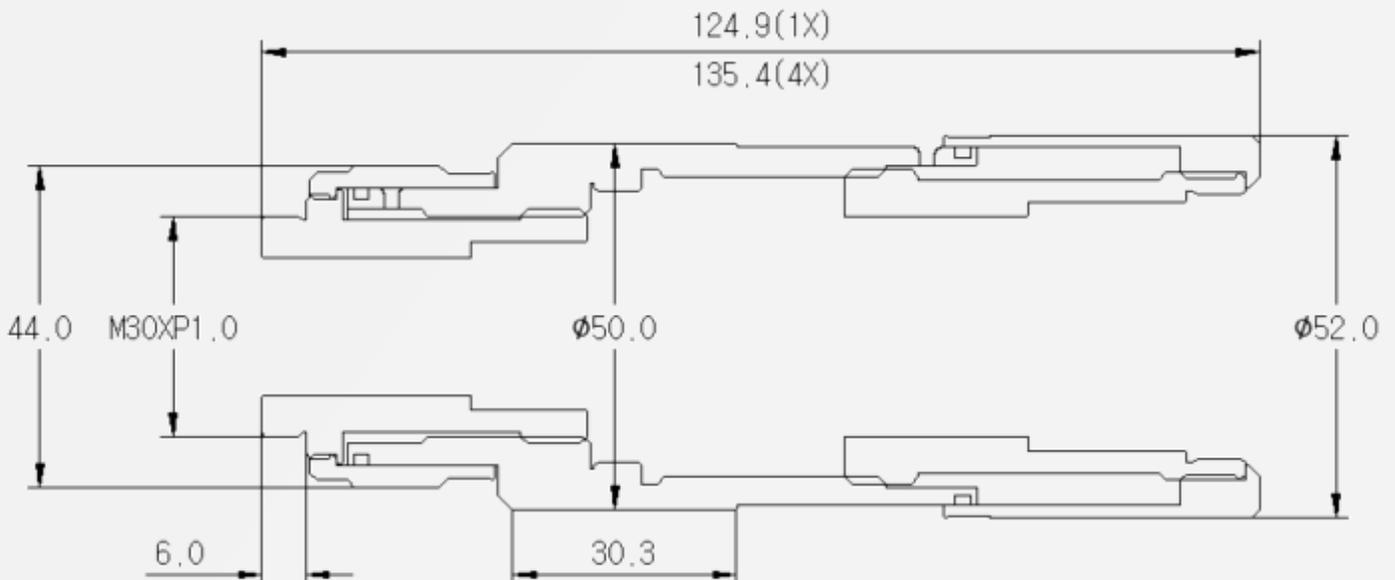
GBF-UV-4.0-1.0-4.0

Specifications	GBF-UV-4.0-1.0-4.0
Design wavelength	355 nm
Material	Fused Silica
Max. Input beam diameter	4.0 mm \varnothing
Min. magnification	1.0X
Max. magnification	4.0X
Transmission	>97 %
Lens diameter	52.0 mm \varnothing
Lens length	124.9 mm(1X) 135.4 mm(4X)
Mount	M30XP1.0 thread or 50.0(0/-0.1) mm tube mount
Weight	0.38kg



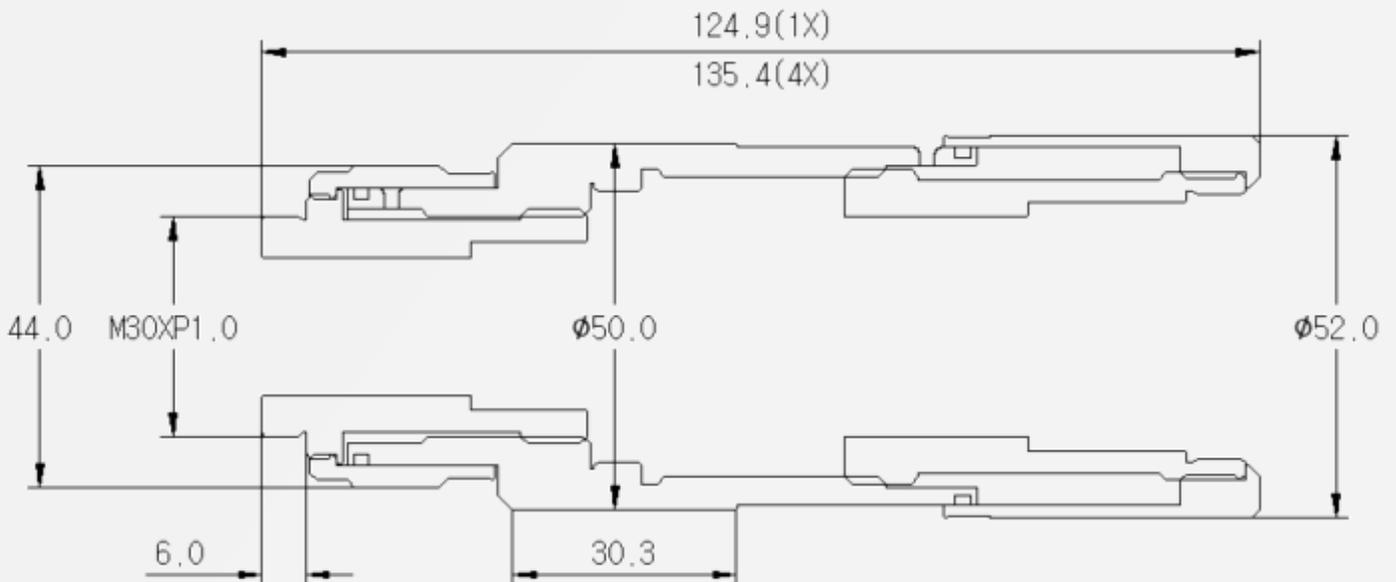
GBF-GR-4.0-1.0-4.0

Specifications	GBF-GR-4.0-1.0-4.0
Design wavelength	532 nm
Material	Fused Silica
Max. Input beam diameter	4.0 mm \varnothing
Min. magnification	1.0X
Max. magnification	4.0X
Transmission	>97 %
Lens diameter	52.0 mm \varnothing
Lens length	124.9 mm(1X) 135.4 mm(4X)
Mount	M30XP1.0 thread or 50.0(0/-0.1) mm tube mount
Weight	0.38kg



GBF-NIR-4.0-1.0-4.0

Specifications	GBF-NIR-4.0-1.0-4.0
Design wavelength	1064 nm
Material	Fused Silica
Max. Input beam diameter	4.0 mm \varnothing
Min. magnification	1.0X
Max. magnification	4.0X
Transmission	>97 %
Lens diameter	52.0 mm \varnothing
Lens length	124.9 mm(1X) 135.4 mm(4X)
Mount	M30XP1.0 thread or 50.0(0/-0.1) mm tube mount
Weight	0.38kg





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