

Antireflection Filters



Mid-far infrared filter

Infrared anti-reflection coating is an optical film deposited on the surface of optical components to reduce surface reflection and increase the transmittance of the optical system. It improves contrast by reducing scattered light in the system.

MFrontier can provide lenses, lens coatings, lens + sleeve designs, lens + sleeve + sensor and other combinations for shipment according to customer needs.

Industrial temperature measurement



Electric power inspection



Infrared thermal imaging system



Aerospace precision remote sensing



Feature

- High transmittance
- Complete facilities
- Film layer is firm

Product parameters

Serial number	Name	Base material	Transmission area transmittance
1	2.9-14.5 μ m AR	Germanium	2.9-14.5 μ m, Tavg \geq 85%
2	3-5 μ m AR	Monocrystalline silicon	3-5 μ m, Tavg \geq 97%
3	8-14 μ m AR	Germanium	8-14 μ m, Tavg \geq 95%

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