



Capabilities in anti-reflection coatings range from single layers to advanced high efficiency multi-layer coatings. These coatings can be applied to windows, lenses or customer supplied substrates. For special applications, the coatings can be designed for operation at angles of incidence other than normal, or optimised for particular wavelength regions. High efficiency multi-layer broadband coatings find widespread use in the 3-5 micron or 8-12 micron regions (the "atmospheric windows").

### HIGH EFFICIENCY MULTI-LAYER BROADBAND COATINGS

Typical Wavelength ranges: 3-5, 5-8 and 8-12 $\mu$ m  
Typical average transmission: > 95%  
Substrate material: Germanium

### SINGLE LAYER COATINGS

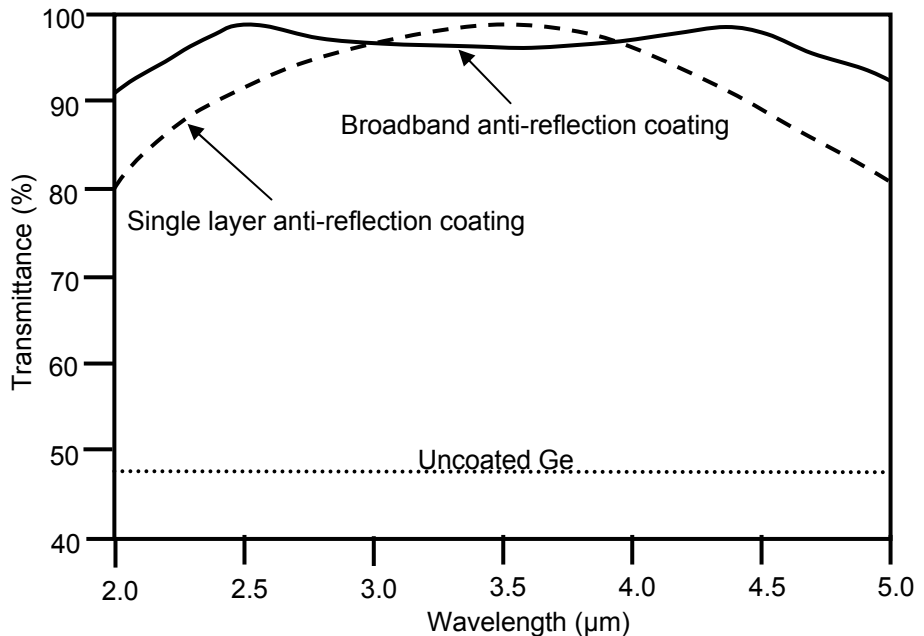
Wavelengths available: 0.9 to 20 $\mu$ m  
Typical peak transmittance: > 95%  
Substrate materials: germanium, silicon, sapphire, zinc selenide, gallium arsenide.

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### TYPICAL PERFORMANCE



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