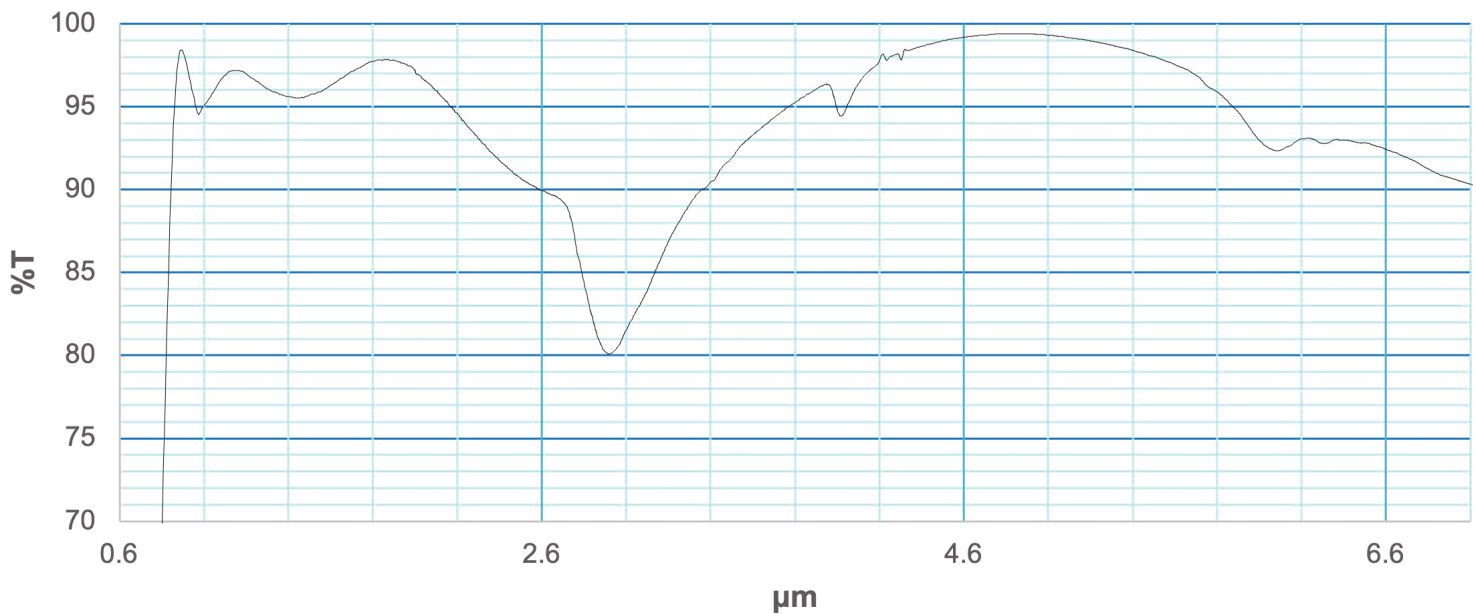


Optical Coating Specification

Dual Band AR on IRG-27 0.8-2.2 and 4.4-5.4μm

Transmission Performance charts
G5 specification # 60 101



Specifications

Coating Specifications

Source Date	3/22/2022
Specification / Coating P/N	Coating P/N G5 # 60 101
Coating Description	Dual Band AR on IRG-27 0.8-2.2 and 4.4-5.4μm
AOI	0-20 degree
Witness Configuration	For 1mm thick IRG-27 witness piece coated both sides G5 # 60 101
Transmission Requirement	4.4 -5.4μm > 99.0% Average 0.8 -2.2μm > 95.5% Average
Thorium Status	Thorium Free

Environmental Qualification

Adhesion	Per Mil-C-48497A para 4.5.3.1
Abrasion	Per Mil-C-48497A para 4.5.1
Humidity	Per Mil-C-48497A para 4.5.3.2 24 hours
Solubility/Clean ability	Per Mil-C-48497A para 4.5.4.2

Notes

Notes	Source chart tile reports measured averages: 0.8-2.2um: 95.9%, 4.4-5.4um: 99.1%.
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