

Kodial Zero Length Viewports



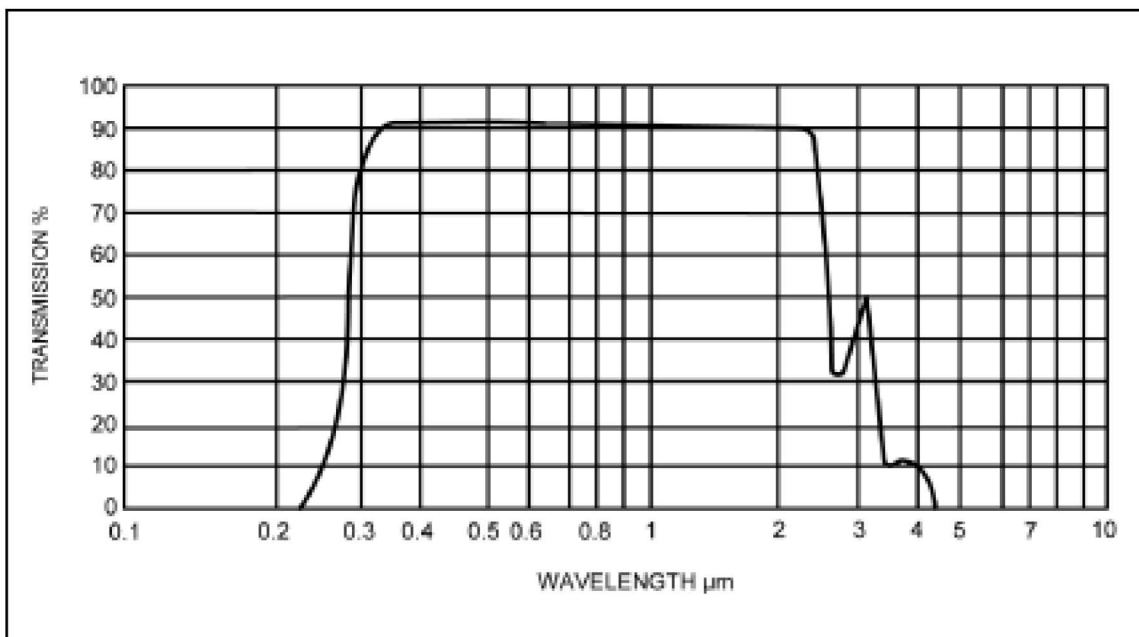
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Specification	
Seal Type	Induction
Maximum Temperature	350°C (KF versions 150°C)
Minimum Temperature	minus 20°C
Maximum Rate of Temperature Change	3°C per minute
Leak Rate	<1x10⁻¹⁰ atm-cc/sec (He)
Pressure Range	1 bar to 1x10⁻¹¹ mbar

Kodial viewports are offered in CF flange styles. The viewports comprise a borosilicate glass optic which is sealed to a Kovar weld ring using an induction heater process. The optic assemblies are TIG welded in to flanges and are helium leak tested and cleaned for ultra-high vacuum (UHV) conditions. The CF versions are offered using 304L (or 316LN 2D) stainless steel flanges. The rugged construction of the Kodial viewports allows repeated bake-out with UHV performance, whilst the window offers broadband optical transmission from the visible to near infra-red. Annealed copper gaskets are available.

Transmission Curve – Kodial



Please note that the optical transmission curves are approximations and should be used for reference only