

LPF-900-x

Data sheet Long Pass Filter with cut-off wavelength 900 nm

Cut-off wavelength $\lambda_c = 900 \text{ nm}$

Stopband $\lambda < 880 \text{ nm}$

Transmittance @ 880 nm $T = < 10^{-4}$

Reflectance @ 880 nm $R = 5 \%$

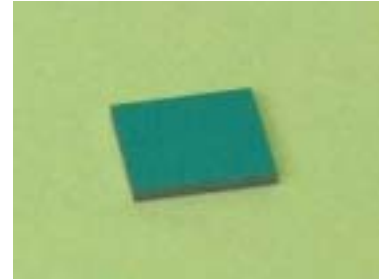
Absorptance @ 880 nm $A_0 = 95 \%$

Passband $\lambda > 950 \text{ nm}$

Transmittance @ 1064 nm $T = 90 \%$

Reflectance @ 1064 nm $R = 1 \%$

Absorptance @ 1064 nm $A_0 = 9 \%$



Chip area 5 mm x 5 mm; other dimensions on request

Chip thickness 625 μm ; semi-insulating GaAs

Absorber layer epitaxial InGaAs

Protection dielectric layer AR coating on front and back side for 1064 nm

The chip area option **x** denotes the chip dimensions as follows

x = 5 x5 5.0 mm x 5.0 mm

x = 4 x2 4.0 mm x 2.0 mm

Spectral reflectance, transmittance and absorptance

