

# FTSP700M35.5 | DATASHEET

## Optical filter, UV+NIR cut off, VIS





#### **SPECIFICATIONS**

## **Optical specifications**

Type		UV+NIR cut off
Light color		VIS
Wavelength range <sup>1</sup>	(nm)	400 - 700
Cut-on 50% transmission	(nm)	400
Cut-off 50% transmission	(nm)	700
FWHM <sup>2</sup>	(nm)	-

## **Mechanical specifications**

Filter Thread		M35.5 x 0.5
Outer Diametere	(mm)	38.5
Clear Aperture	(mm)	30.5

<sup>&</sup>lt;sup>1</sup> Peak transmission >90%

### **KEY ADVANTAGES**

High and precise transmission

Wide range selection

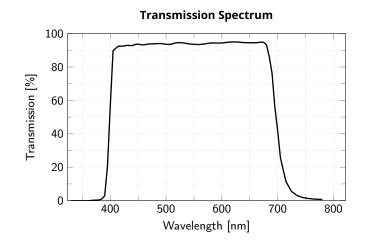
Available for fixed focal length lenses and telecentric lenses

**Increase resolution** 

**Block unwanted light** 

**Tolerate high temperature environment** 

Light filtering is a typical need in machine vision applications. Together with LED illuminators, filters can improve image contrast by blocking unwanted light and increase the accuracy and repeatability of the vision system.



### **COMPATIBLE PRODUCTS**

Full list of compatible products available here.



A wide selection of innovative machine vision components.

<sup>&</sup>lt;sup>2</sup> Tolerance ±10 nm