

## FTSP500M30.5 | DATASHEET

### Optical filter, short pass, blue



### **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.

**Transmission Spectrum** 

### **SPECIFICATIONS**

# Optical specifications Type Light color Wavelength range<sup>1</sup> (nm)

Wavelength range <sup>1</sup>	(nm)	365 - 495
Cut-on 50% transmission	(nm)	-
Cut-off 50% transmission	(nm)	495
FWHM <sup>2</sup>	(nm)	-

short pass

blue

### **Mechanical specifications**

Filter Thread		M30.5 x 0.5
Outer Diametere	(mm)	33.5
Clear Aperture	(mm)	25.5
<sup>1</sup> Peak transmission >90%		

<sup>2</sup> Tolerance  $\pm 10 \text{ nm}$ 

### 

500

Wavelength [nm]

600

700

### **COMPATIBLE PRODUCTS**

#### Full list of compatible products available here.

400



A wide selection of innovative machine vision components.

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only. Data are reported by design, actual lens performance may vary due to manufacturing tolerances.

**Fransmission** [%]