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TECHSPEC® 8.5mm, f/8 Ci Series Fixed Focal Length Lens



8.5mm Focal Length

Stock #86-604 **14 In Stock**

⊖ 1 ⊕ €215⁰⁰

ADD TO CART

Volume Pricing

Qty 1-24	€215,00 each
Qty 25+	€194,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Ci Series **Product Family:**
Fixed Focal Length Lens **Type:**

Physical & Mechanical Properties

Fixed **Iris Option:**

33.98	Length (mm):
26.5	Maximum Diameter (mm):
26.5	Outer Diameter (mm):
34	Weight (g):
0.6	Maximum Rear Protrusion (mm):
26.50	Diameter (mm):

Optical Properties

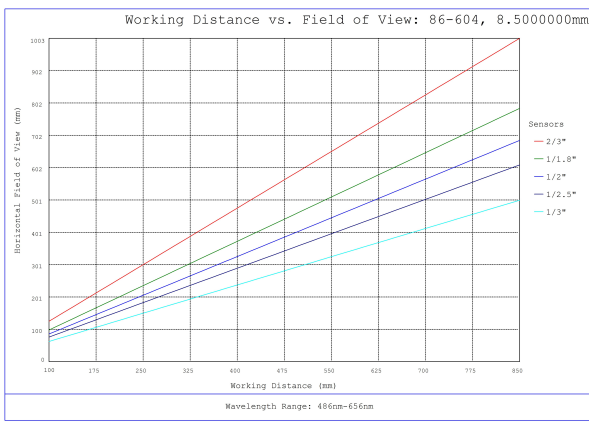
128.6mm - 60.6°	Horizontal Field of View @ Max Sensor Format:
Horizontal: 124.9mm - 60.7° Vertical: 88.9mm - 45° Diagonal: 168.8mm - 77°	Field of View at Max Sensor Format:
128.6mm - 60.6°	Horizontal Field of View, 2/3" Sensor:
101.0mm - 49.2°	Horizontal Field of View, 1/1.8" Sensor:
88.3mm - 43.6°	Horizontal Field of View, 1/2" Sensor:
79.2mm - 39.5°	Horizontal Field of View, 1/2.5" Sensor:
64.6mm - 32.6°	Horizontal Field of View, 1/3" Sensor:
47.8mm - 24.4°	Horizontal Field of View, 1/4" Sensor:
11.00	Maximum Image Circle (mm):
0.0048	Numerical Aperture NA, Object Side:
7 (5)	Number of Elements (Groups):
8.50	Focal Length FL (mm):
100 - ∞	Working Distance (mm):
f/8	Aperture (f/#):
425 - 675nm BBAR	Coating:
425 - 675nm BBAR	Coating Specification:
8.22	Entrance Pupil Position (mm):
14.08	Object Space Principal Plane (mm):
6.67	Image Space Principal Plane (mm):
-18.51	Maximum Distortion (%):
-12.23	Exit Pupil Position (mm):
VIS	Lens Wavelength Range:

Sensor

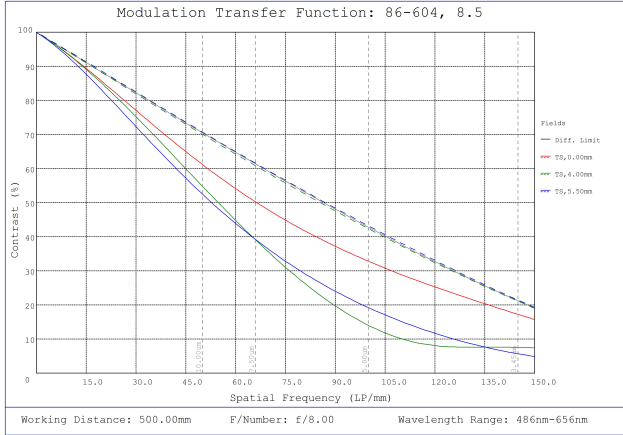
2/3"	Maximum Sensor Format:
2.74	Pixel Size (µm):

Threading & Mounting

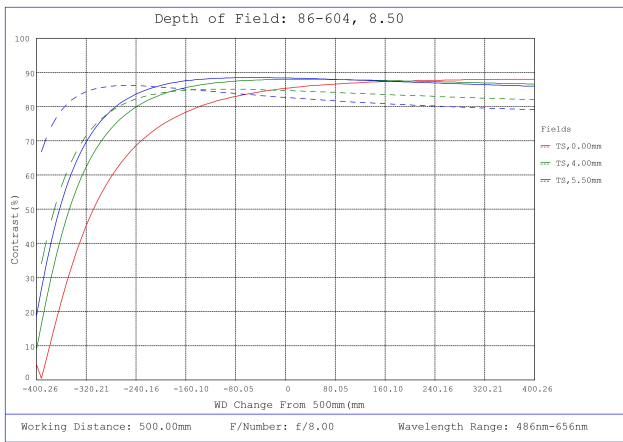
M30.5 x 0.50 (Male)	Filter Thread:
#89-932 (Required)	Filter Thread Adapter:
M22.0 x 0.5 (Male)	Front Thread:



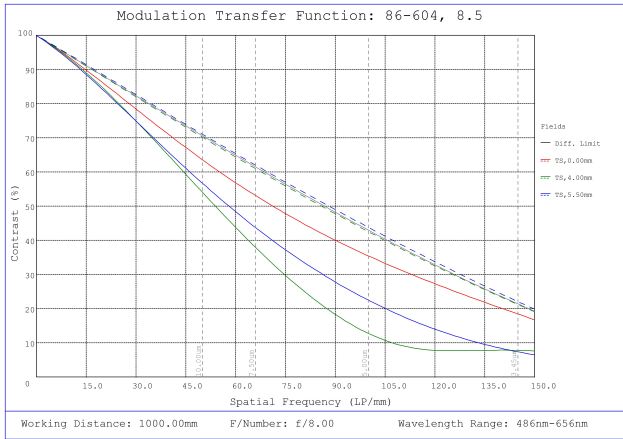
#86-604, 8.5mm, f/8 Ci Series Fixed Focal Length Lens, Working Distance versus Field of View Plot



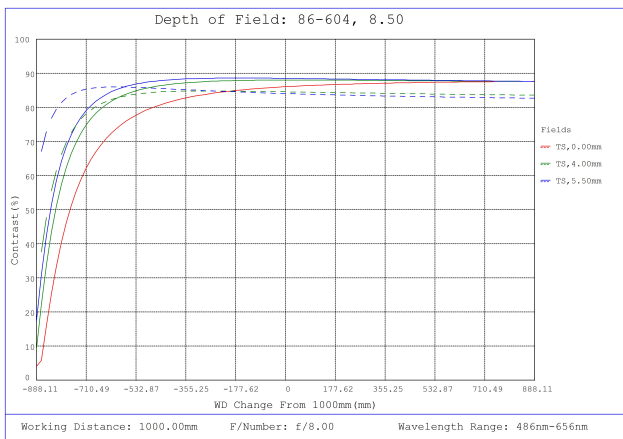
#86-604, 8.5mm, f/8 Ci Series Fixed Focal Length Lens, Modulated Transfer Function (MTF) Plot, 500mm Working Distance, f8



#86-604, 8.5mm, f/8 Ci Series Fixed Focal Length Lens, Depth of Field Plot, 500mm Working Distance, f8

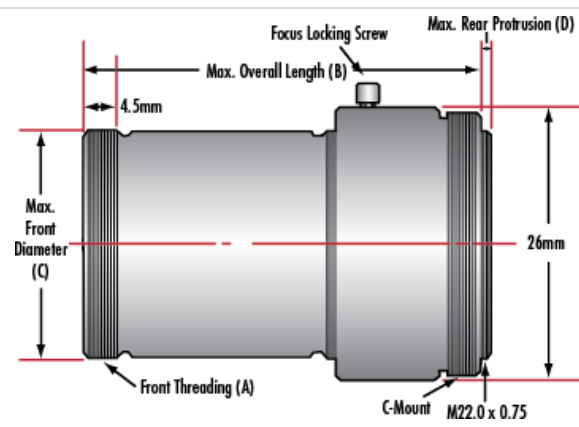


#86-604, 8.5mm, f/8 Ci Series Fixed Focal Length Lens, Modulated Transfer Function (MTF) Plot, 1000mm Working Distance, f8



#86-604, 8.5mm, f/8 Ci Series Fixed Focal Length Lens, Depth of Field Plot, 1000mm Working Distance, f8

Focal Length	A	B	C	D
6mm	M34.0 x 0.5	47.8mm	34mm	1.17mm
12mm	M22.0 x 0.75	29.0mm	22mm	0.96mm
16mm	M22.0 x 0.75	40.8mm	22mm	1.09mm
25mm	M22.0 x 0.75	29.9mm	22mm	1.33mm
35mm	M25.5 x 0.5	41mm	22.5mm	3.82mm
50mm	M30.5 x 0.5	49.5mm	30.5mm	2.06mm



Compatible Cameras