

TECHSPEC[®]Objektiv mit Festbrennweite der DG-Serie, 25 mm BW



25mm Focal Length, #55-326

Produkt **#55-326** 7 In Stock

-

1

+

€610^{,00}

+ WARENKORB

Mengenrabatte	
Stk. 1+	€610,00 stückpreis
Need More?	Angebotsanfrage

ⓘ Preise exklusiv der geltenden Mehrwertsteuer und Abgaben

Downloadbereich

Produktdetails	
DG Series	Series:
Fixed Focal Length Lens	Typ:
Traditional Double-Gauss Style Lens	Objektivtyp:

Physikalische und mechanische Eigenschaften	
Variable	Blende:

116.20	Länge (mm):
54	Max. Durchmesser (mm):
54	Außendurchmesser (mm):
85	Gewicht (g):
3.5	Zusätzliche Objektivlänge in Kamera (mm):

Optische Eigenschaften

142.9mm - 31.6°	Horizontales Bildfeld @ max. Sensorformat:
Horizontal: 141.7mm - 31.4° Vertical: 106.1mm - 23.8° Diagonal: 177.5mm - 38.7°	Bildfeld bei max. Sensorformat:
142.9mm - 31.6°	Horizontales Bildfeld, 1,1“ Sensor:
128.8mm - 28.7°	Horizontales Bildfeld, 1“ Sensor:
88.4mm - 19.9°	Horizontales Bildfeld, 2/3“ Sensor:
72.3mm - 16.4°	Horizontales Bildfeld, 1/1,8“ Sensor:
64.2mm - 14.6°	Horizontales Bildfeld, 1/2“ Sensor:
58.2mm - 13.2°	Horizontales Bildfeld, 1/2,5“ Sensor:
48.2mm - 10.9°	Horizontales Bildfeld, 1/3“ Sensor:
36.1mm - 8.2°	Horizontales Bildfeld, 1/4“ Sensor:
17.60	Max. Bildkreis (mm):
0.0114	Numerische Apertur NA, Objektseite:
7 (5)	Anzahl Elemente (Gruppen):
25.00	Brennweite BW (mm):
240 - ∞	Arbeitsabstand (mm):
f/4 - Closed	Blende (f/#):
λ/4 MgF ₂	Beschichtung:
λ/4 MgF ₂	Beschichtungsspezifikation:
10.22	Position Eintrittspupille (mm):
11.79	Hauptebene Objektseite (mm):
-11.43	Hauptebene Bildseite (mm):
0.03	Maximale Verzeichnung (%):
-13.11	Position Austrittspupille (mm):
VS	Wellenlängenbereich:

Sensor

1.1"	Max. Sensorgröße:
2.74	Pixel Size (µm):

Gewinde & Montage

M30.5 x 0.50 (Female)	Filtergewinde:
C-Mount	Mount:

Umwelt & Haltbarkeit

-20 to +60

Ausgenommen / Ausnahmeregelung

Konform

REACH 201:

Konformitätszertifikat:

Anzeigen

- C-Mount-Objektive für bis zu 4/3"
- Bis zu 9 Megapixel, 2,8 µm Pixelgröße
- Doppelgaussobjektive (DG = „Double Gauss“) mit geringer Verzeichnung und hoher Abbildungsqualität
- 18 mm bis 75 mm Brennweite

Bitte beachten Sie: Für die schwingungsfreie Befestigung werden **Industriestative** empfohlen.

Image Height vs. Distortion: 55-326, 25mm

Working Distance: Infinity

The graph shows the relationship between Image Height (mm) on the Y-axis and Distortion (%) on the X-axis for three wavelengths: 636.27nm (red), 587.56nm (green), and 486.13nm (blue). The Y-axis is logarithmic, ranging from 1.1mm to 1.1mm. The X-axis ranges from -0.02 to 0.02. The curves show that distortion increases with image height, with the 486.13nm curve (blue) showing the highest distortion and the 636.27nm curve (red) showing the lowest distortion.

Image Height (mm)	Distortion (%) - 636.27nm	Distortion (%) - 587.56nm	Distortion (%) - 486.13nm
1.1	0.018	0.018	0.018
1.0	0.017	0.017	0.017
0.9	0.016	0.016	0.016
0.8	0.015	0.015	0.015
0.7	0.014	0.014	0.014
0.6	0.013	0.013	0.013
0.5	0.012	0.012	0.012
0.4	0.011	0.011	0.011
0.3	0.010	0.010	0.010
0.2	0.009	0.009	0.009
0.1	0.008	0.008	0.008
0.08	0.007	0.007	0.007
0.06	0.006	0.006	0.006
0.04	0.005	0.005	0.005
0.03	0.004	0.004	0.004
0.02	0.003	0.003	0.003
0.01	0.002	0.002	0.002
0.008	0.001	0.001	0.001
0.006	0.000	0.000	0.000
0.004	-0.001	-0.001	-0.001
0.003	-0.002	-0.002	-0.002
0.002	-0.003	-0.003	-0.003
0.001	-0.004	-0.004	-0.004
0.0008	-0.005	-0.005	-0.005
0.0006	-0.006	-0.006	-0.006
0.0004	-0.007	-0.007	-0.007
0.0003	-0.008	-0.008	-0.008
0.0002	-0.009	-0.009	-0.009
0.0001	-0.010	-0.010	-0.010

Relative Illumination Plot: 55-326, 25mm

Relative Illumination (%)

Image Field Height (mm)

f/Numbers

- f/4.00
- f/5.60
- f/8.00
- f/11.0
- f/16.0

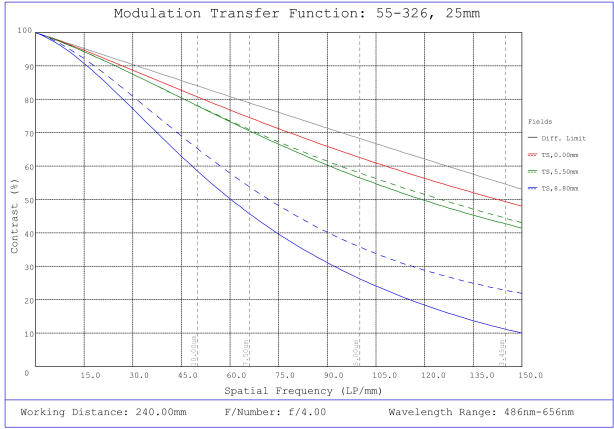
Working Distance: 240.00mm

Wavelength Range: 486nm-656nm

Working Distance vs. Field of View: 55-326, 25mm

Working Distance (mm)	1.1"	1"	2/3"	1/1.8"	1/2"
240	180	160	140	120	100
550	400	360	320	280	240
860	620	540	480	420	360
1170	840	540	640	560	480
1480	1060	800	800	720	640
1790	1280	1060	960	880	800
2100	1500	1320	1120	1040	960
2410	1720	1580	1280	1200	1120
2720	1940	1840	1440	1360	1280
3030	2160	2100	1600	1520	1440
3340	2380	2360	1760	1680	1600

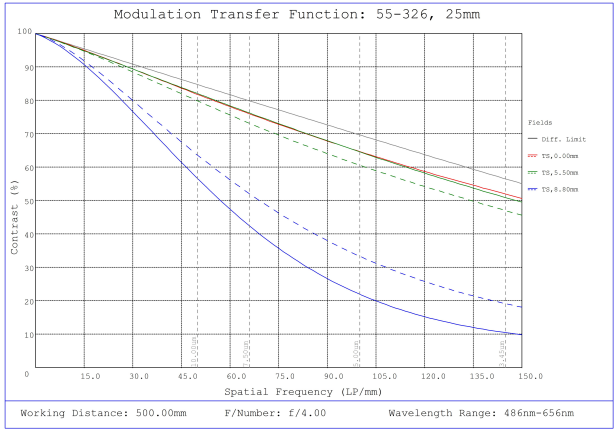
#55-326, 25mm DG Series Fixed Focal Length Lens, Working Distance versus Field of View Plot



#55-326, 25mm DG Series Fixed Focal Length Lens, Modulated Transfer Function (MTF) Plot, 240mm Working Distance, f4



#55-326, 25mm DG Series Fixed Focal Length Lens, Depth of Field Plot, 240mm Working Distance, f4



#55-326, 25mm DG Series Fixed Focal Length Lens, Modulated Transfer Function (MTF) Plot, 500mm Working Distance, f4



#55-326, 25mm DG Series Fixed Focal Length Lens, Depth of Field Plot, 500mm Working Distance, f4

Dimensions							
FL (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Filter Thread (Dia. x Pitch)
18	48.0	32.3	4.6	40.0	-	2.5	M30.5 x 0.5
25	39.0	40.0	5.8	34.7	30.7	2.2	M30.5 x 0.5
35	45.0	50.1	11.6	40.0	42.1	0	M37.0 x 0.75
50	47.5	69.0	10.6	40.0	40.8	0	M39.0 x 0.5
75	54.0	116.2	19.2	46.0	67.7	0	M49.0 x 0.75

Kompatible Kameras