



White Paper

Board Lenses Technical Data



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Board Lenses Technical Data Overview

Lenses

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TBL 8.4-2 C 5MP
TBL 9.6-2 C 3MP

Format	Focal length (mm)	Back focal length (mm)	Iris	IR-Cut-Filter	Diameter (mm)	Length (mm)	Mass (g)
1/3"	2.1	7.29	2.0		17	17.5	10.0
1/3"	2.03	4,49	2.0	x	14	19.1	6,5
1/3"	2.75	4.32	3.1		14	11.53	4
1/3"	2.75	4.32	3.1	x	14	11.53	4
1/3"	2.9	5.02	2.0		14	15.3	6
1/3"	2.9	5.02	2.0	x	14	15.3	6
1/3"	3.6	5.0	2.0		14	15.74	5
1/3"	3.6	5.0	2.0	x	14	15.74	5
1/2.5"	3.6	5.6	1.6		14	17.9	6
1/2.5"	3.6	5.6	1.6	x	14	17.9	6
1/2.5"	4.0	6.9	1.6		14	16.1	5
1/2.5"	4.0	6.9	1.6	x	14	16.1	5
1/3"	4.3	4.85	2.0		14	13.56	5
1/3"	4.3	4.85	2.0	x	14	13.56	5
1/3"	4.6	5.63	2.0	x	14	23.03	6
1/3"	6.0	8.03	2.0		14	14.26	6
1/3"	6.0	8.03	2.0	x	14	14.26	6
1/2.5"	6.0	6.5	1.6		14	16,8	5
1/2.5"	6.0	6.5	1.6	x	14	16,8	5
1/2"	7.6	1.38	3.0	x	12	11.23	4
1/3"	8.0	7.05	2.0		14	16.8	6.2
1/3"	8.0	7.05	2.0	x	14	16.8	6.2
1/2.5"	8.0	6.6	1.6		14	16.7	6
1/2.5"	8.0	6.6	1.6	x	14	16.7	6
1/2"	8.42	3.03	3.0		14	10.8	4
1/2"	8.42	3.03	3.0	x	14	10.8	4
1/2"	9.6	6.46	3.0	x	14	17.69	5



Board Lenses Technical Data Overview

Lenses

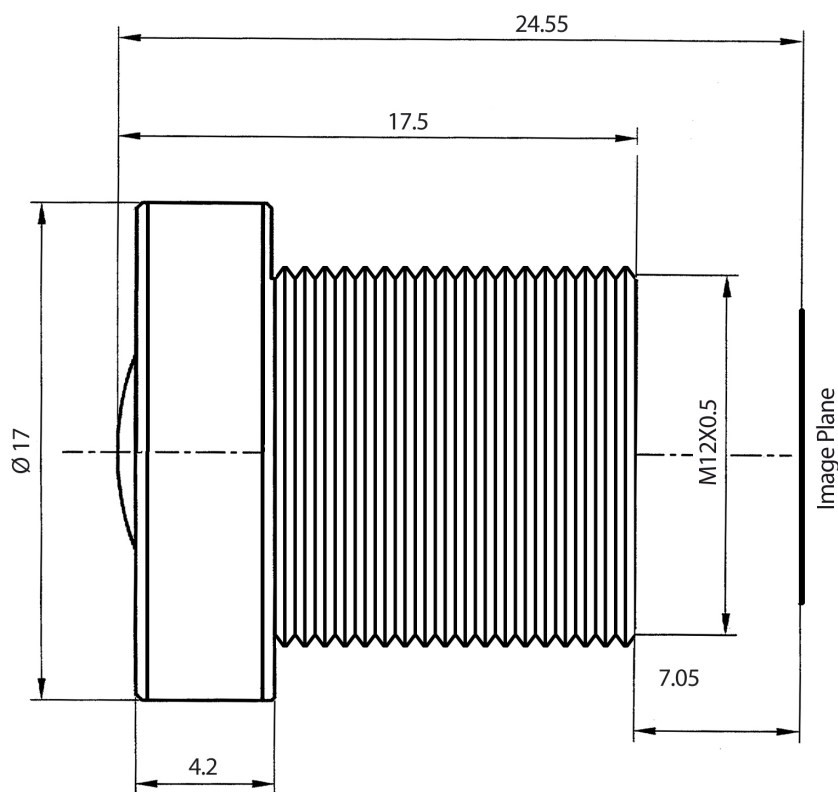
TBL 12
TBL 12 C
TBL 12 3 MP
TBL 12 C 3 MP
TBL 12-2 5MP
TBL 12-2 C 5MP
TBL 16, TBL 16 b
TBL 16 C, TBL 16 b C
TBL 16 3 MP
TBL 16 C 3 MP
TBL 25
TBL 35
TBL 50

Format	Focal length (mm)	Back focal length (mm)	Iris	IR-Cut-Filter	Diameter (mm)	Length (mm)	Mass (g)
1/3"	12.0	8.97	2.0		14	12.96	6
1/3"	12.0	8.97	2.0	x	14	12.96	6
1/2.5"	12.0	6.6	1.6		14	16.3	6
1/2.5"	12.0	6.6	1.6	x	14	16.3	6
1/2"	12.0	8.567	2.0		14	17.79	5
1/2"	12.0	8.567	2.0	x	14	17.79	5
1/3"	16.0	9.98	2.0		14	11.95	6
1/3"	16.0	9.98	2.0	x	14	11.95	6
1/2.5"	16.0	6.9	1.6		14	13.4	5
1/2.5"	16.0	6.9	1.6	x	14	13.4	5
1/3"	25.0	11.8	2.5		25	23.2	17.6
1/2"	35.0	18.9	2.0		25	23.5	23.7
1/2"	50.0	33.9	2.5		50	52.8	27.1



Board Lenses Technical Data

TBL 2.1

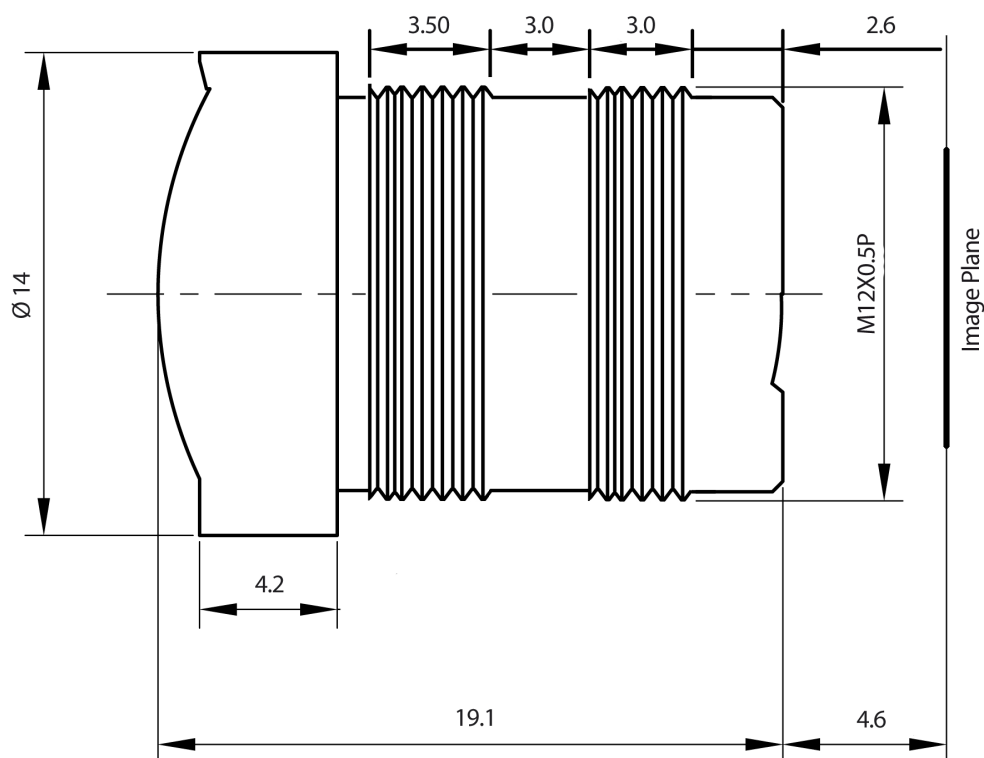


SPECIFICATIONS:	
Format:	1/3"
Focal length:	2.1 mm
Back focal length:	7.29 mm
Iris:	2.0
Diameter:	17 mm
Length:	17.5 mm
Mass:	10 g



Board Lenses Technical Data

TBL 2.1 C

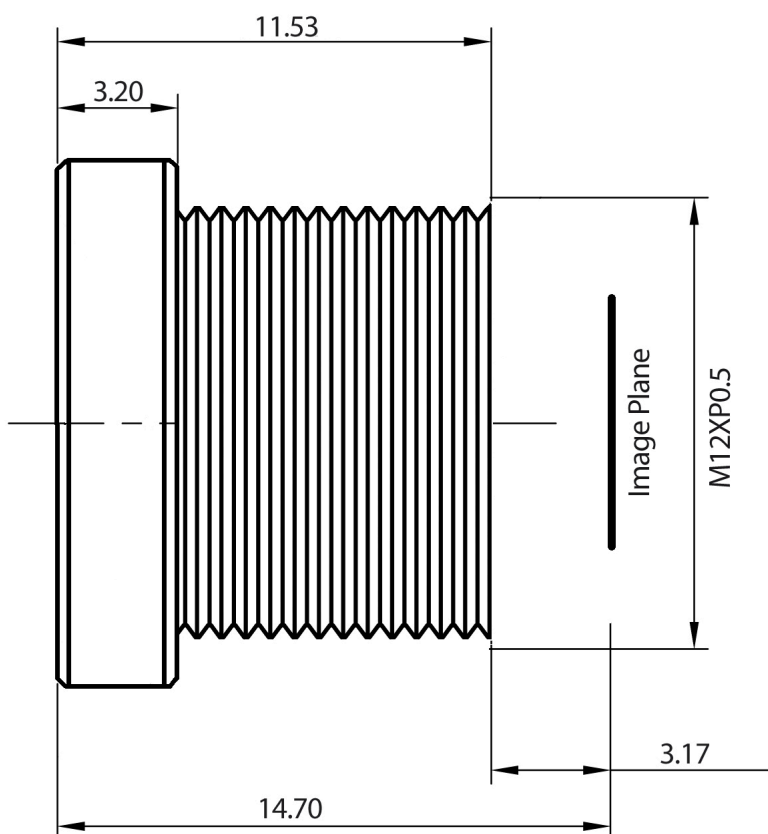


SPECIFICATIONS:	
Format:	1/3"
Focal length:	2.03 mm
Back focal length:	4.49 mm
Iris:	2.0
Diameter:	14 mm
Length:	19.1 mm
Mass:	6.5g



Board Lenses Technical Data

TBL 2.8 (C)5MP

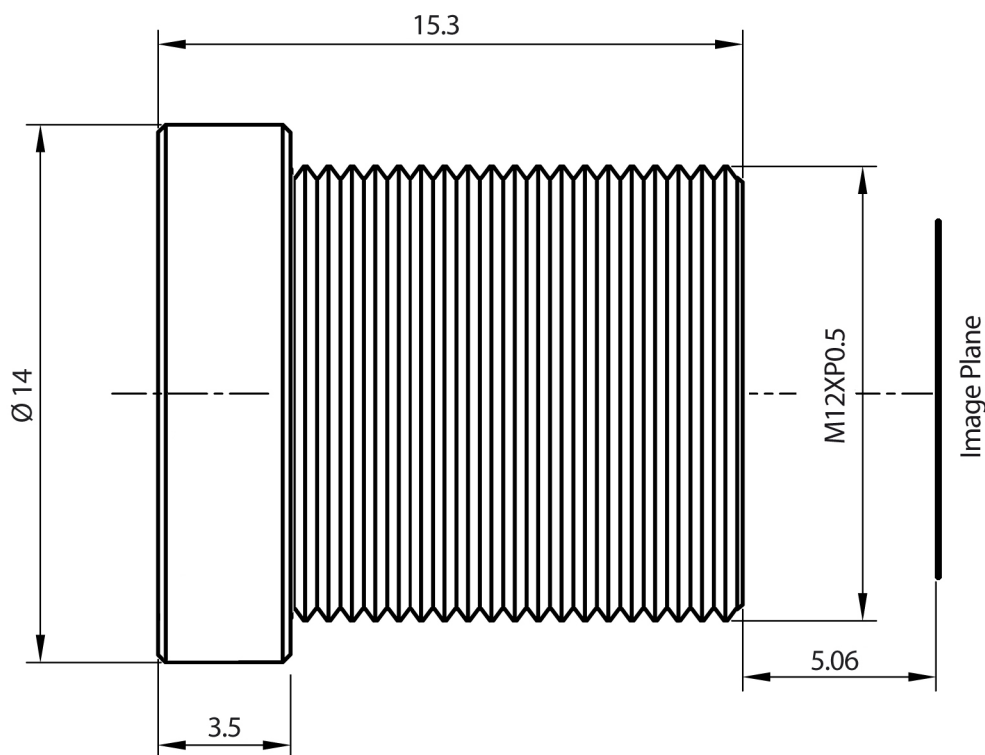


SPECIFICATIONS:	
Format:	1/3"
Focal length:	2.75 mm
Back focal length:	4.32 mm
Iris:	3.1
Diameter:	14 mm
Length:	11,53 mm
Mass:	4 g



Board Lenses Technical Data

TBL 2.9, TBL 2.9 C

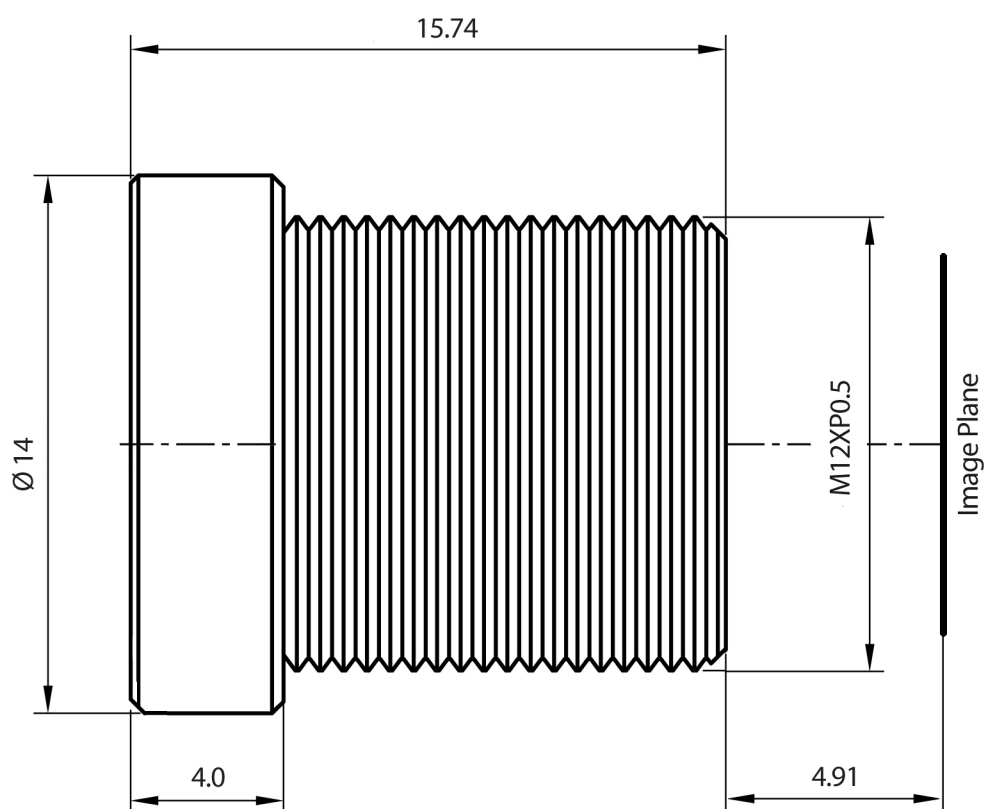


SPECIFICATIONS:	
Format:	1/3"
Focal length:	2.9 mm
Back focal length:	5.02 mm
Iris:	2.0
Diameter:	14 mm
Length:	15.3 mm
Mass:	6 g



Board Lenses Technical Data

TBL 3.6, TBL 3.6 C

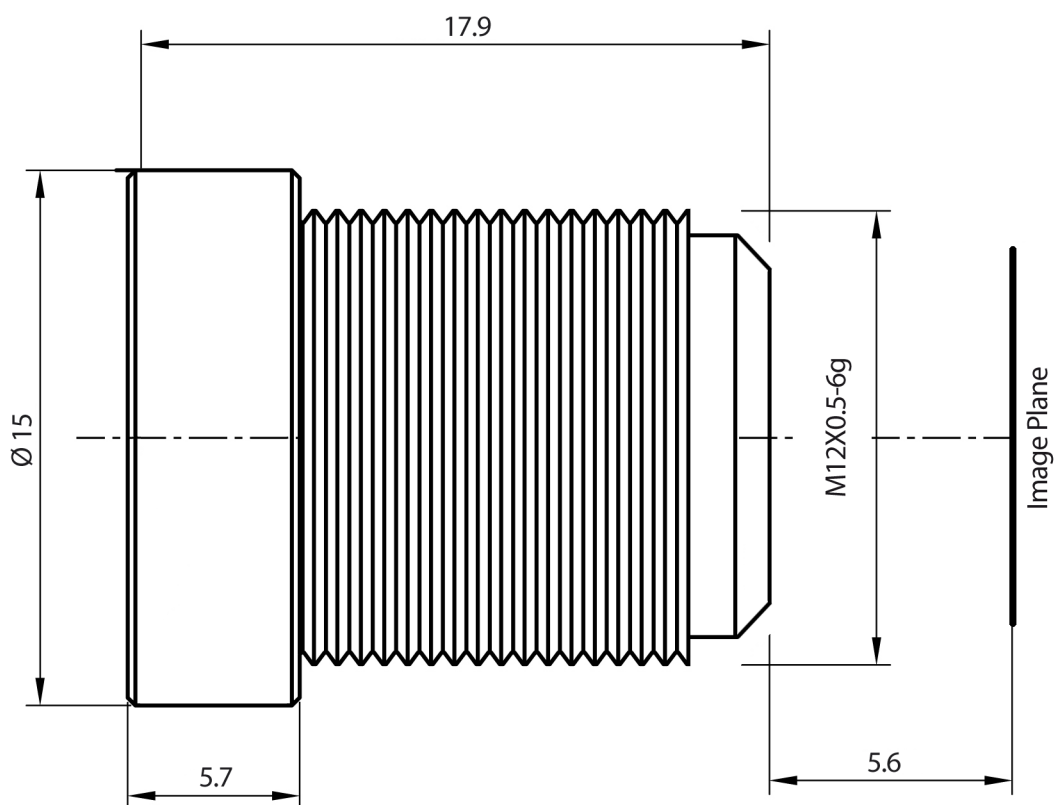


SPECIFICATIONS:	
Format:	1/3"
Focal length:	3.6 mm
Back focal length:	5.0 mm
Iris:	2.0
Diameter:	14 mm
Length:	15.74 mm
Mass:	5 g



Board Lenses Technical Data

TBL 3.6 2MP, TBL 3.6 C 2MP

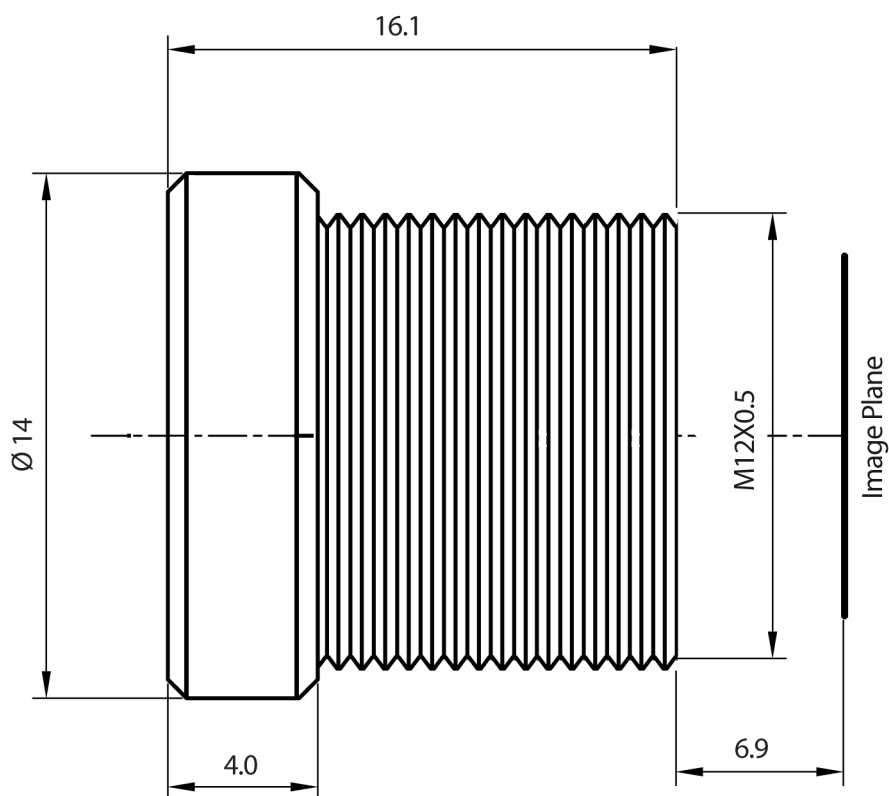


SPECIFICATIONS:	
Format:	1/2.5"
Focal length:	3.6 mm
Back focal length:	5.6 mm
Iris:	1.6
Diameter:	14 mm
Length:	17.9 mm
Mass:	6 g



Board Lenses Technical Data

TBL 4 3MP, TBL 4C 3MP

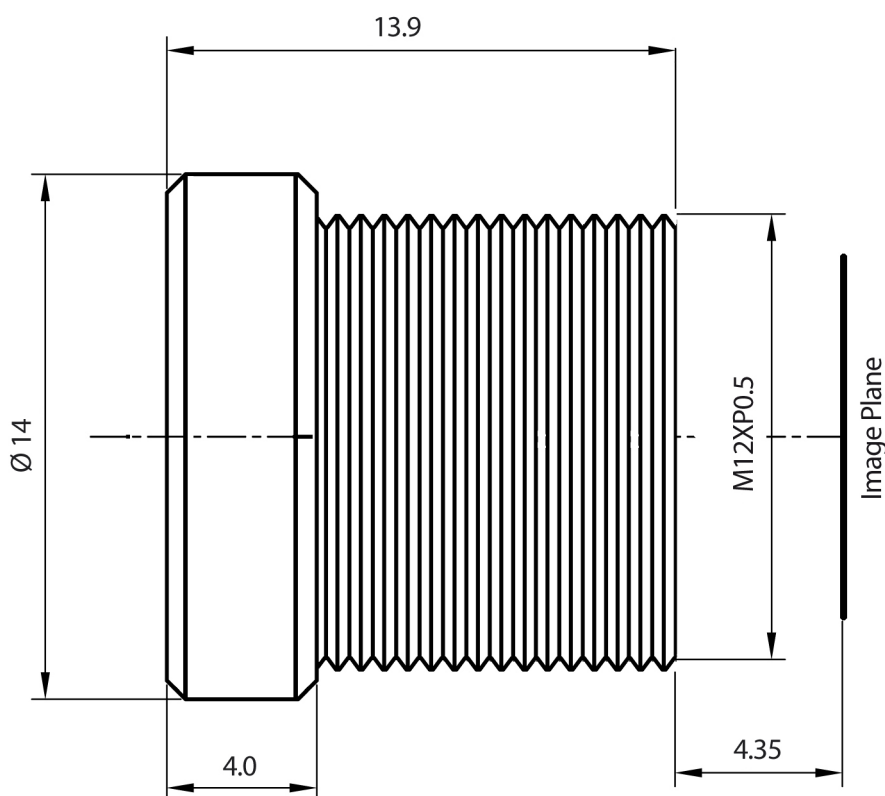


SPECIFICATIONS:	
Format:	1/2.5"
Focal length:	4.0 mm
Back focal length:	6.9 mm
Iris:	1.6
Diameter:	14 mm
Length:	16.1mm
Mass:	5 g



Board Lenses Technical Data

TBL 4.3, TBL 4.3 C

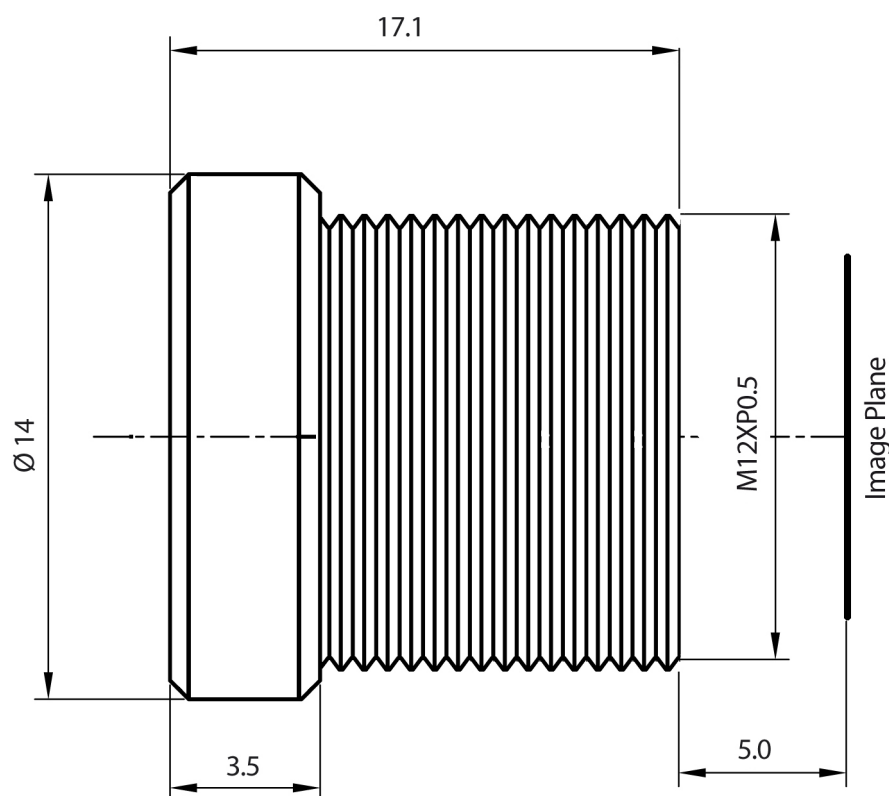


SPECIFICATIONS:	
Format:	1/3"
Focal length:	4.3 mm
Back focal length:	4.85 mm
Iris:	2.0
Diameter:	14 mm
Length:	13.56 mm
Mass:	5 g



Board Lenses Technical Data

TBL 4.3b, TBL 4.3b C

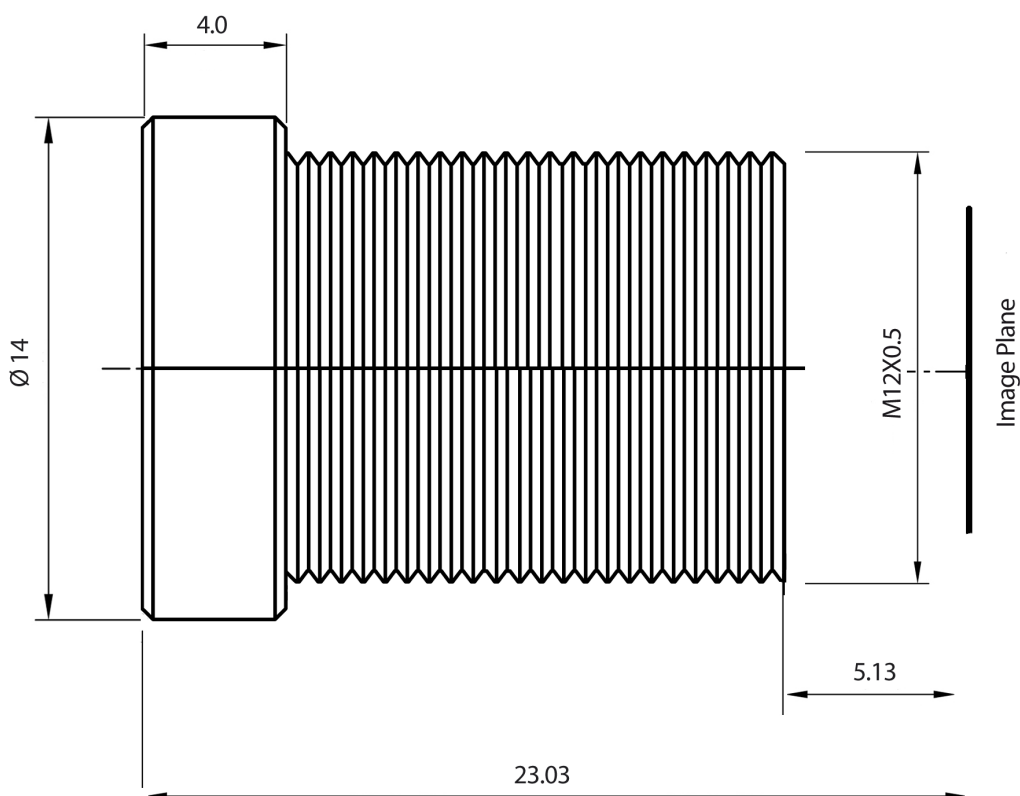


SPECIFICATIONS:	
Format:	1/3"
Focal length:	4.3 mm
Back focal length:	6 mm
Iris:	1.8
Diameter:	14 mm
Length:	17.1 mm
Mass:	6,5 g



Board Lenses Technical Data

TBL 4.6, TBL 4.6 C

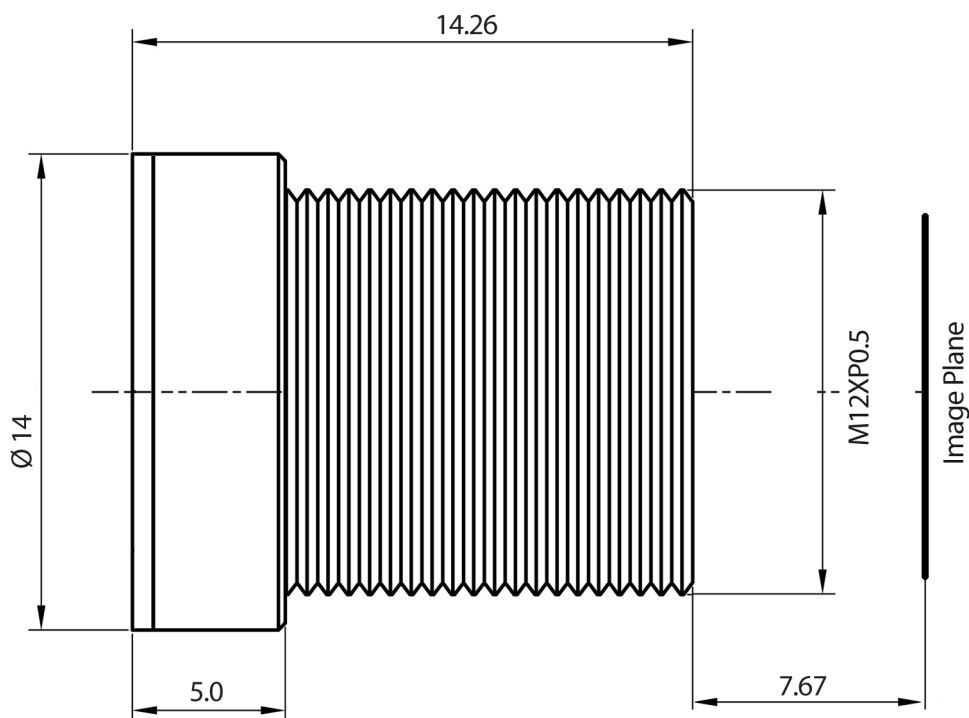


SPECIFICATIONS:	
Format:	1/3"
Focal length:	4.6 mm
Back focal length:	5.63 mm
Iris:	2.0
Diameter:	14 mm
Length:	23.03 mm
Mass:	6 g



Board Lenses Technical Data

TBL 6, TBL 6 C

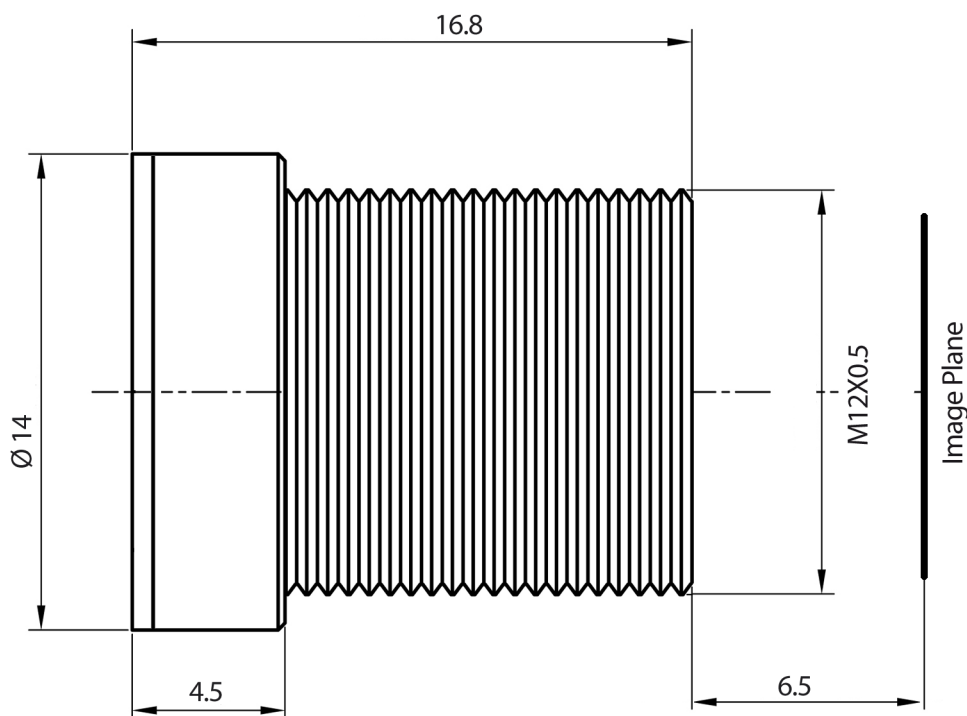


SPECIFICATIONS:	
Format:	1/3"
Focal length:	6.0 mm
Back focal length:	8.03 mm
Iris:	2.0
Diameter:	14 mm
Length:	14.26 mm
Mass:	6 g



Board Lenses Technical Data

TBL 6 3MP, TBL 6 C 3MP

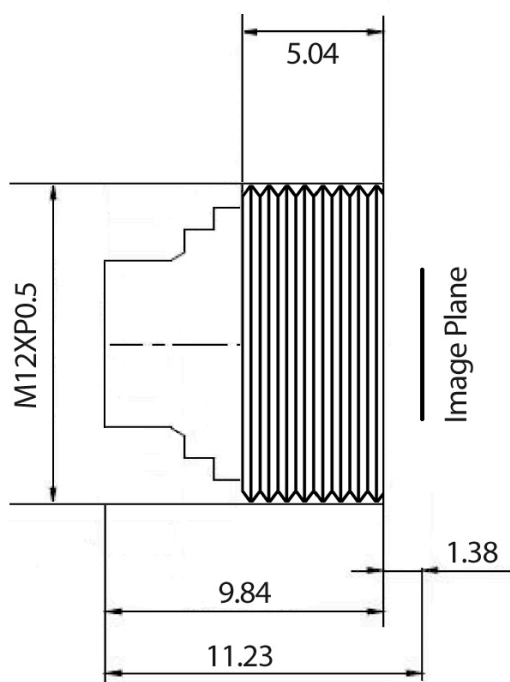


SPECIFICATIONS:	
Format:	1/2.5"
Focal length:	6.0 mm
Back focal length:	6.5 mm
Iris:	1.6
Diameter:	14 mm
Length:	16.8mm
Mass:	5 g



Board Lenses Technical Data

TBL 7.5-2 C 10 MP

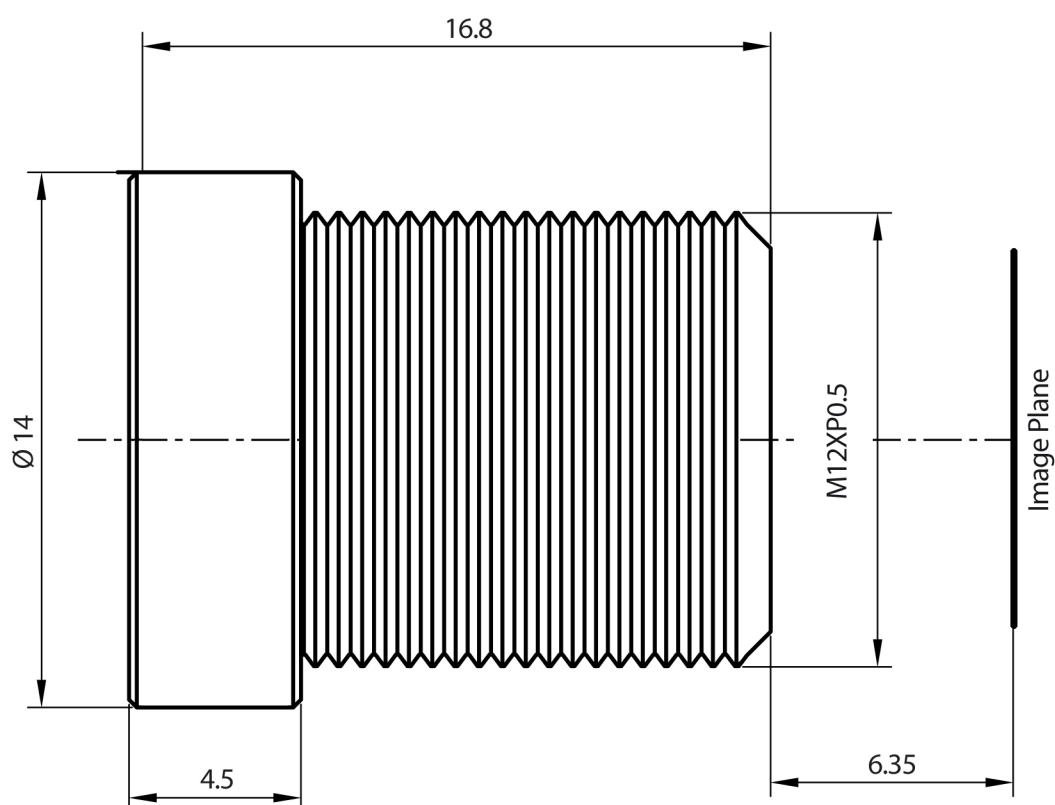


SPECIFICATIONS:	
Format:	1/2"
Focal length:	7.6 mm
Back focal length:	1,38 mm
Iris:	3.0
Diameter:	12 mm
Length:	11.23 mm
Mass:	4 g



Board Lenses Technical Data

TBL 8, TBL 8 C

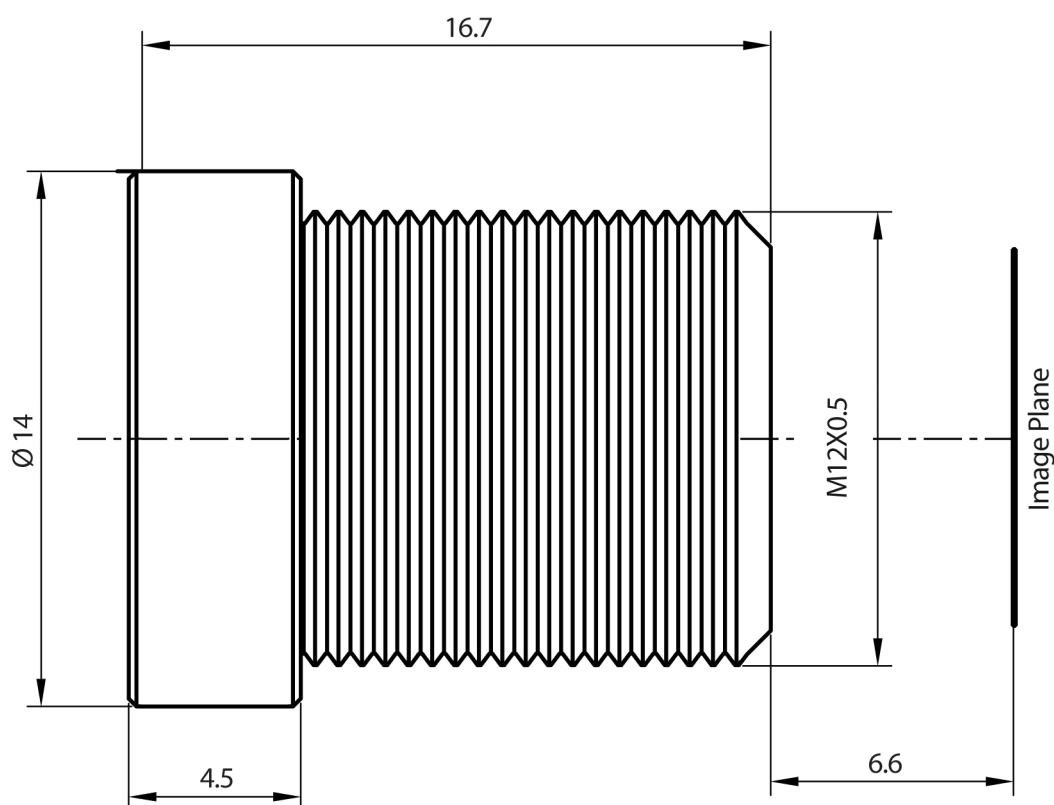


SPECIFICATIONS:	
Format:	1/3"
Focal length:	8.0 mm
Back focal length:	7.05 mm
Iris:	2.0
Diameter:	14 mm
Length:	16.8 mm
Mass:	6.2 g



Board Lenses Technical Data

TBL 8 3MP, TBL 8 C 3MP

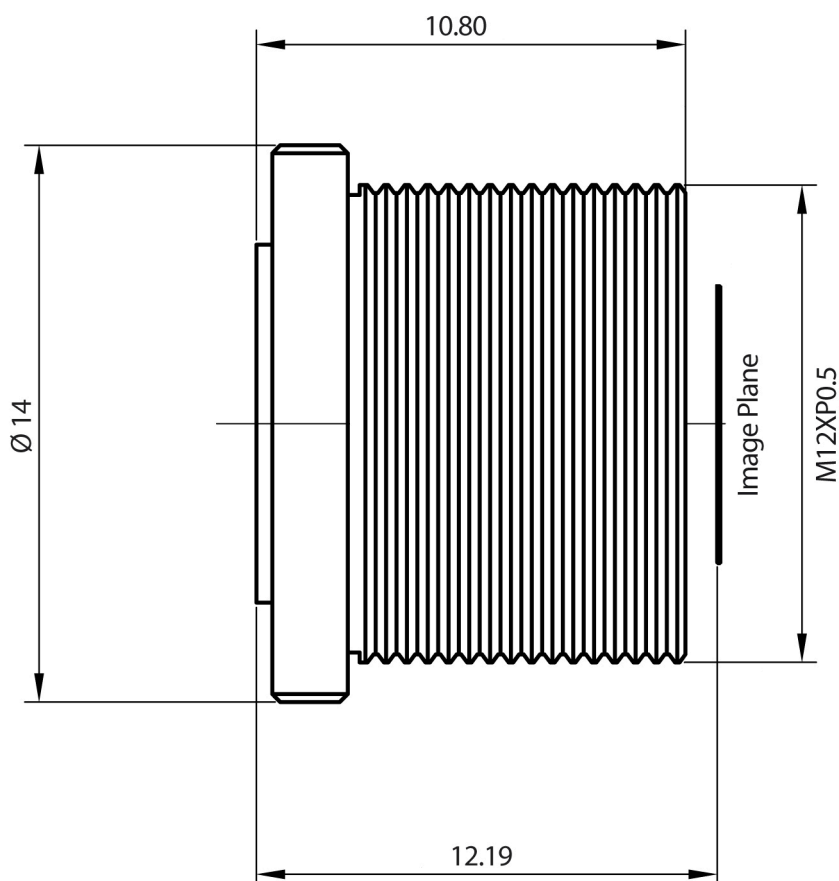


SPECIFICATIONS:	
Format:	1/2.5"
Focal length:	8.0 mm
Back focal length:	6.6 mm
Iris:	1.6
Diameter:	14 mm
Length:	16.7 mm
Mass:	6 g



Board Lenses Technical Data

TBL 8.4-2 (C)5MP,

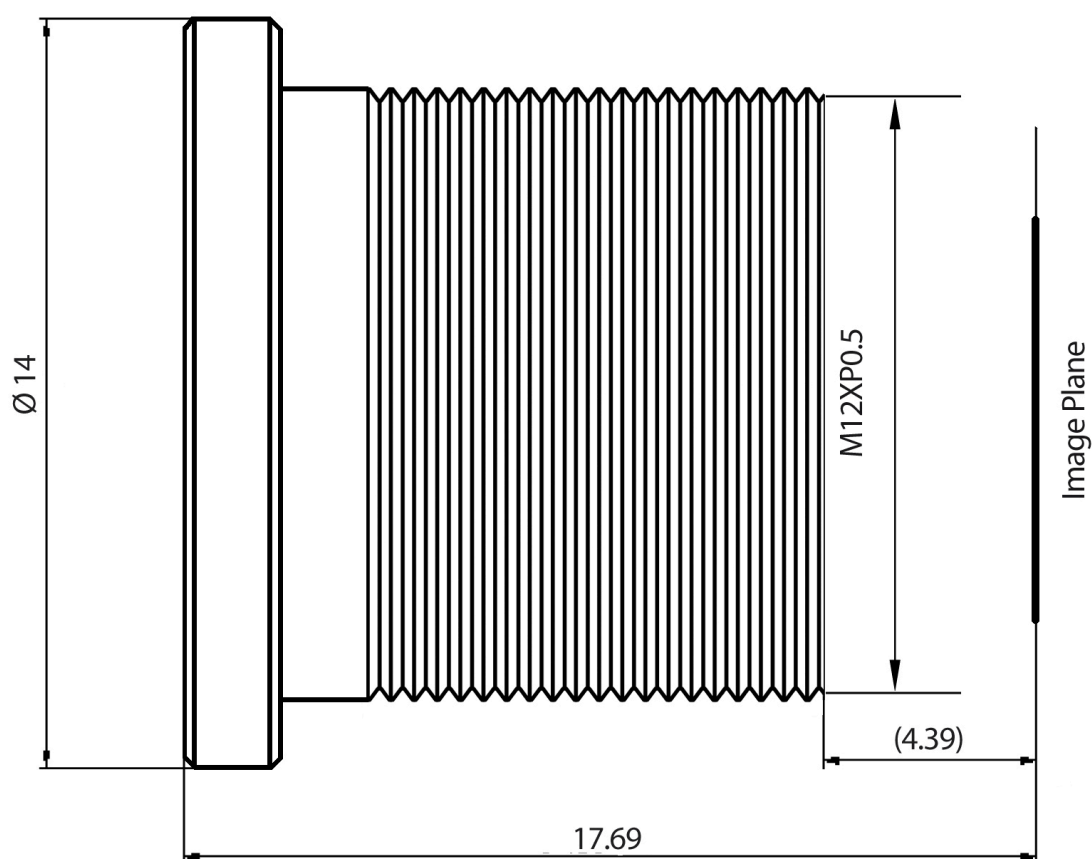


SPECIFICATIONS:	
Format:	1/2"
Focal length:	8.42 mm
Back focal length:	3.03 mm
Iris:	3.0
Diameter:	14
Length:	10.8 mm
Mass:	4 g



Board Lenses Technical Data

TBL 9.6-2 C 3MP

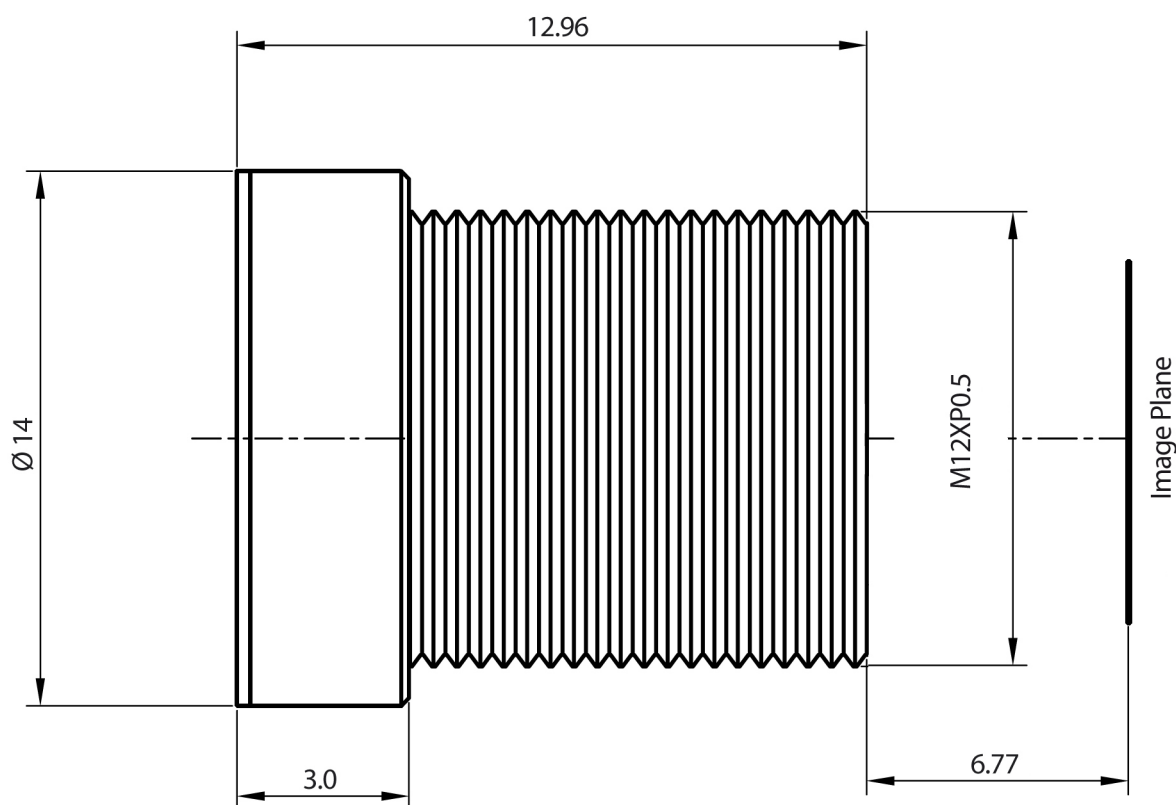


SPECIFICATIONS:	
Format:	1/2"
Focal length:	9.6 mm
Back focal length:	6.46 mm
Iris:	3.0
Diameter:	14 mm
Length:	17.69 mm
Mass:	5 g



Board Lenses Technical Data

TBL 12, TBL 12 C

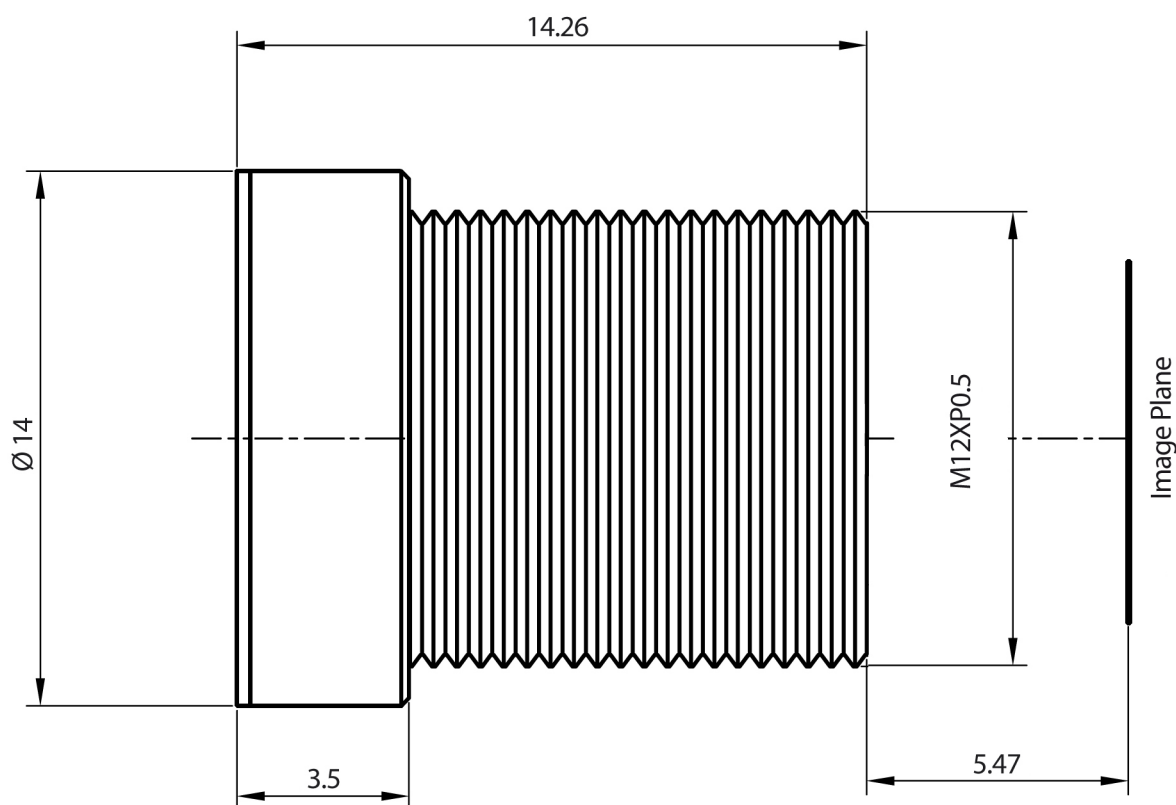


SPECIFICATIONS:	
Format:	1/3"
Focal length:	12.0 mm
Back focal length:	8.97 mm
Iris:	2.0
Diameter:	14 mm
Length:	12.96 mm
Mass:	6 g



Board Lenses Technical Data

TBL 12b, TBL 12b C

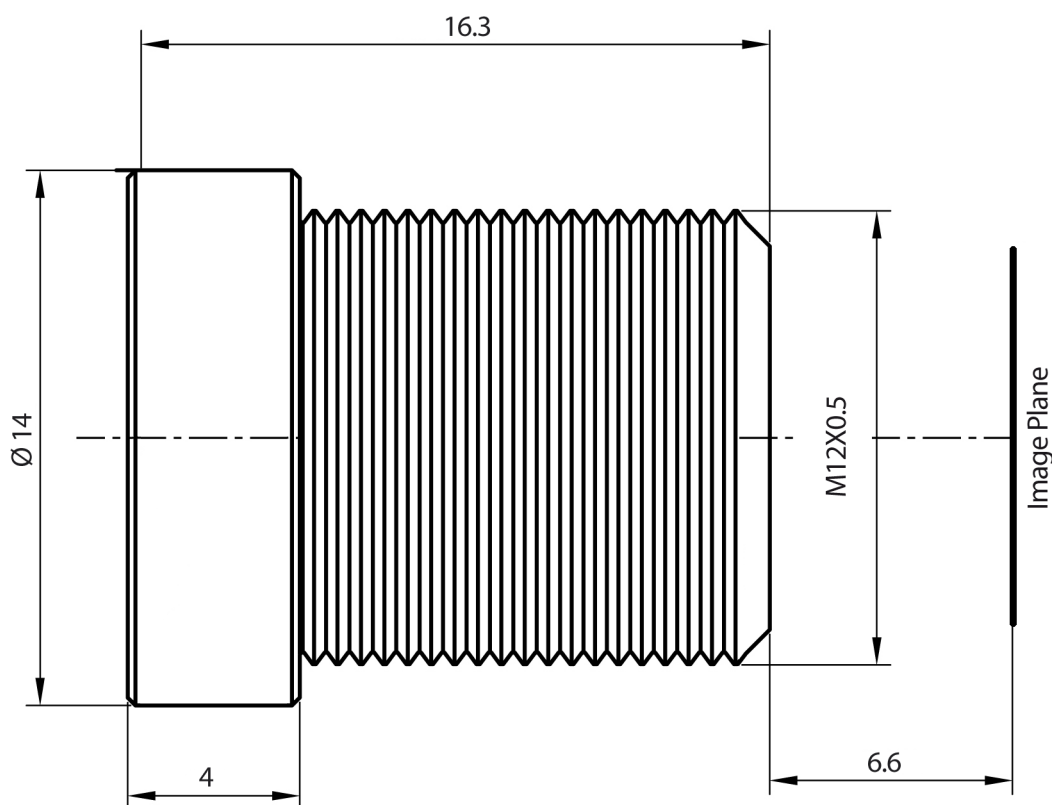


SPECIFICATIONS:	
Format:	1/3"
Focal length:	12.0 mm
Back focal length:	8.97 mm
Iris:	2.5
Diameter:	14 mm
Length:	14.26 mm
Mass:	6 g



Board Lenses Technical Data

TBL 12 3MP, TBL 12 C 3MP

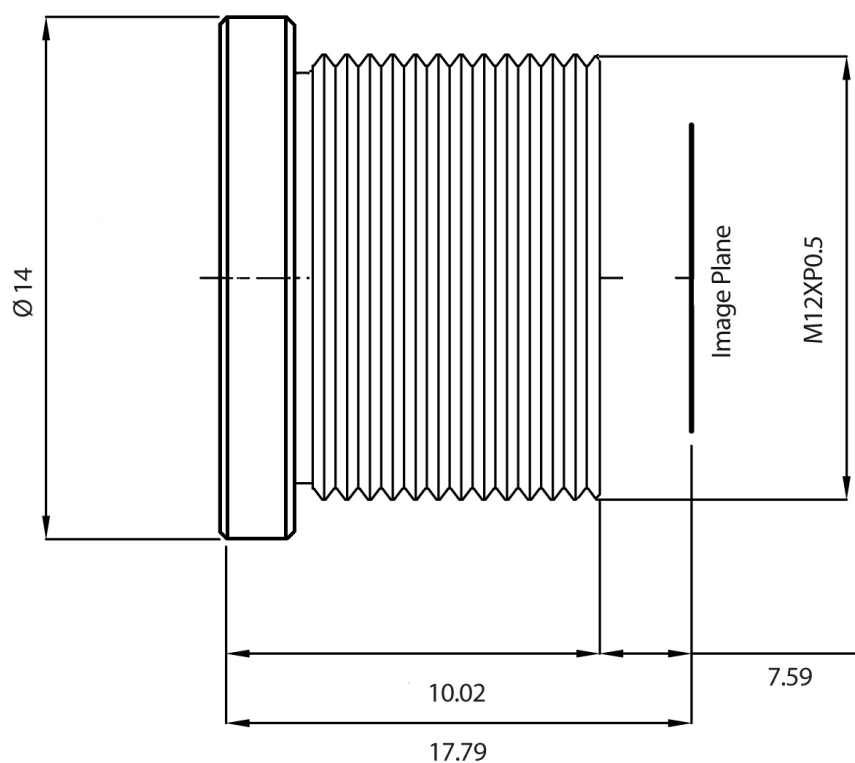


SPECIFICATIONS:	
Format:	1/2.5"
Focal length:	12.0 mm
Back focal length:	6.6mm
Iris:	1.6
Diameter:	14 mm
Length:	16.3 mm
Mass:	6 g



Board Lenses Technical Data

TBL 12-2 (C)5MP

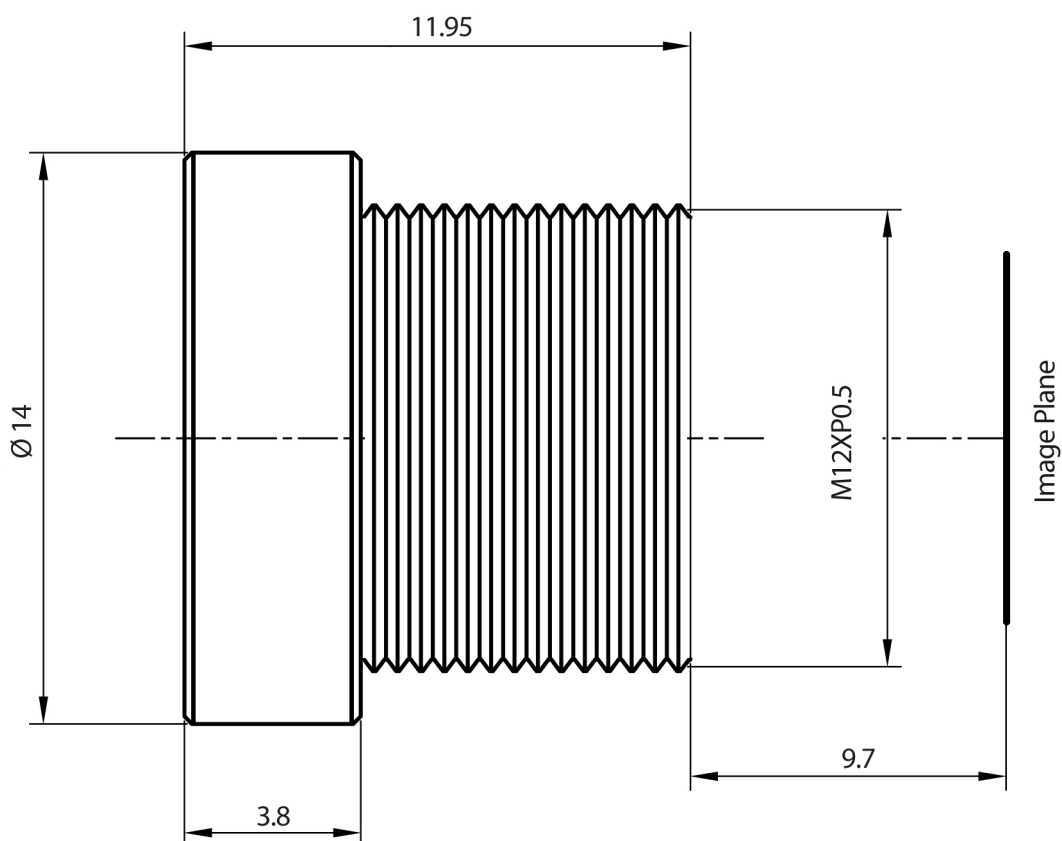


SPECIFICATIONS:	
Format:	1/2"
Focal length:	12.0 mm
Back focal length:	8.567 mm
Iris:	2.0
Diameter:	14 mm
Length:	17.79 mm
Mass:	5 g



Board Lenses Technical Data

TBL 16, TBL 16 C

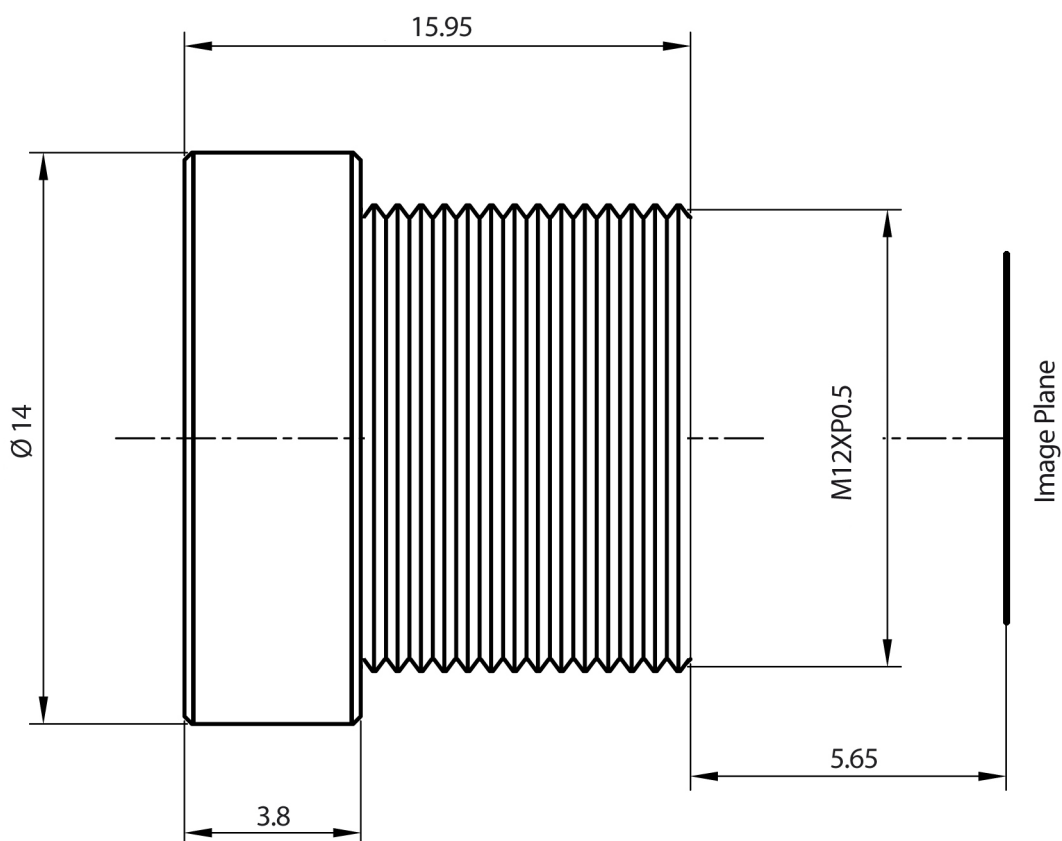


SPECIFICATIONS:	
Format:	1/3"
Focal length:	16.0 mm
Back focal length:	9.98 mm
Iris:	2.0
Diameter:	14 mm
Length:	11.95 mm
Mass:	6 g



Board Lenses Technical Data

TBL 16b, TBL 16b C

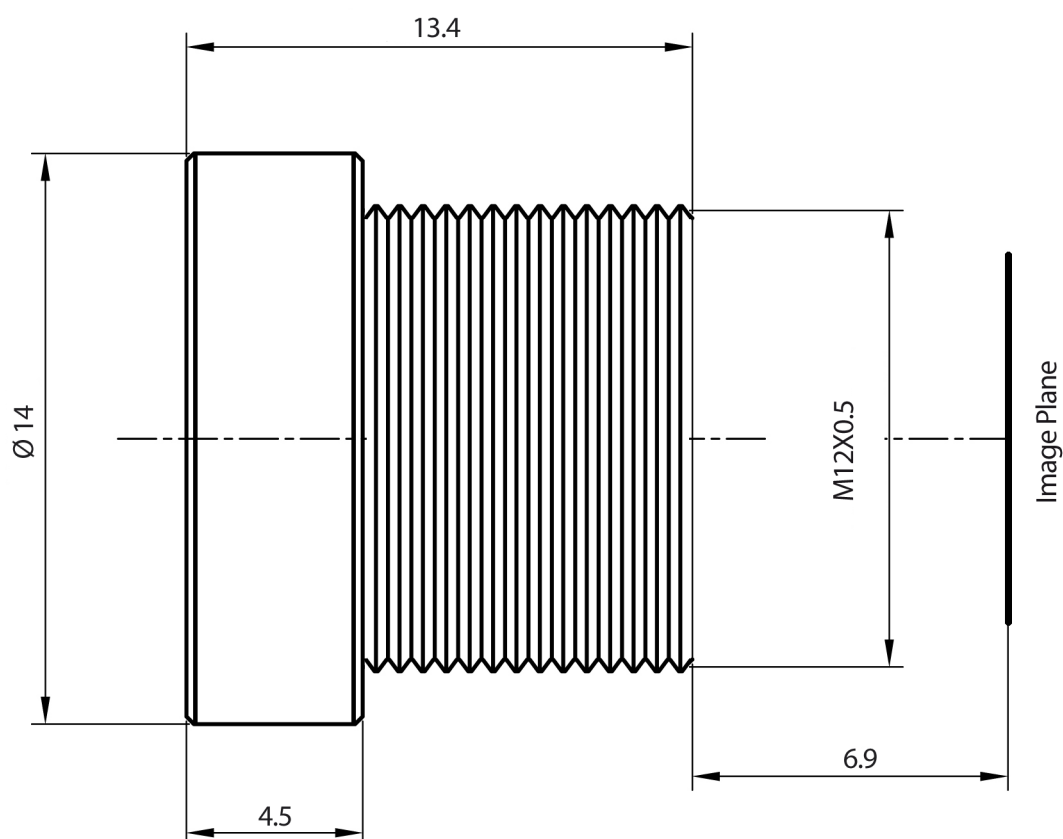


SPECIFICATIONS:	
Format:	1/3"
Focal length:	16.0 mm
Back focal length:	9.98 mm
Iris:	2.0
Diameter:	14 mm
Length:	15.95 mm
Mass:	6 g



Board Lenses Technical Data

TBL 16 3MP, TBL 16 C 3MP

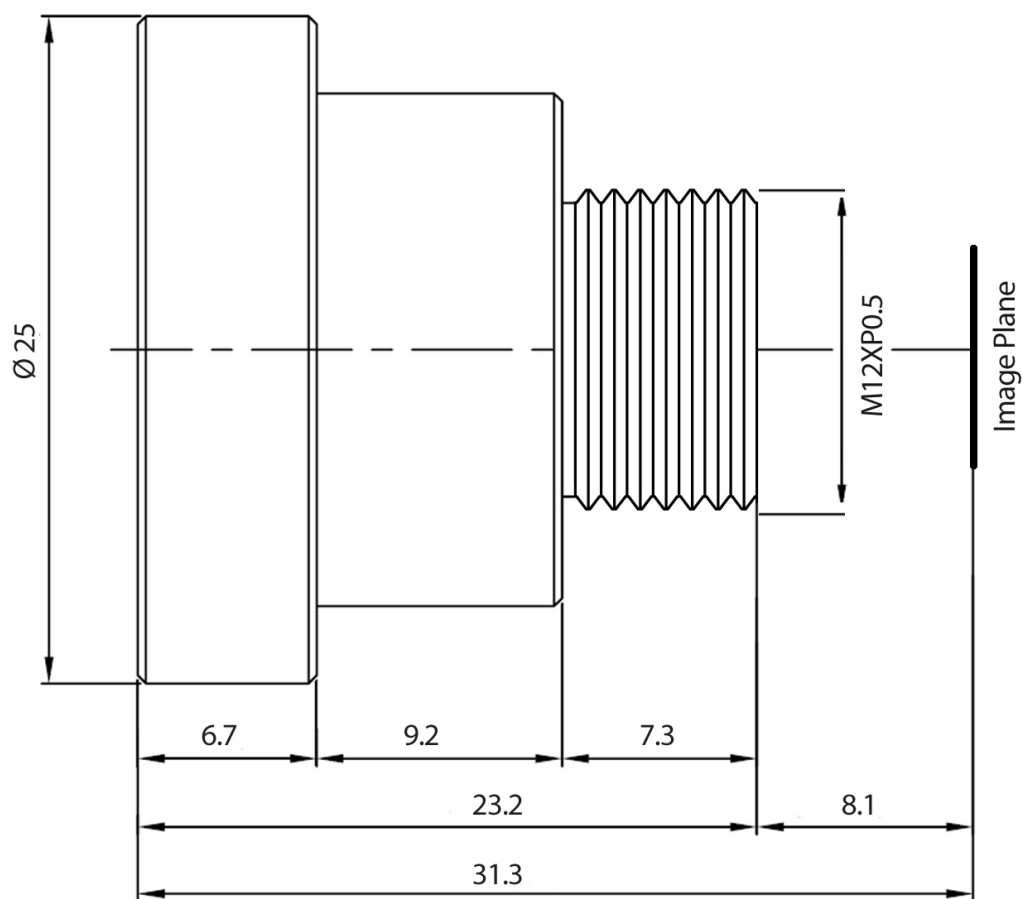


SPECIFICATIONS:	
Format:	1/2.5"
Focal length:	16.0 mm
Back focal length:	6.9 mm
Iris:	1.6
Diameter:	14 mm
Length:	13.4 mm
Mass:	5 g



Board Lenses Technical Data

TBL 25

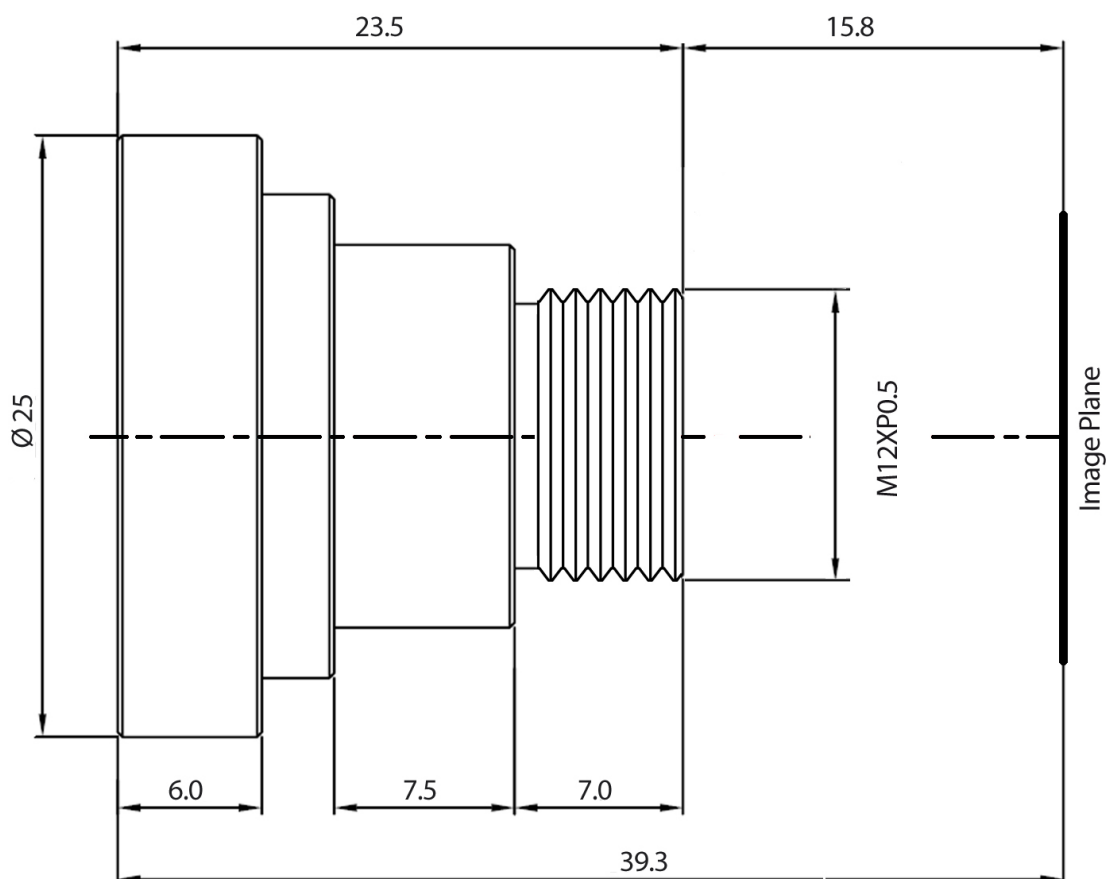


SPECIFICATIONS:	
Format:	1/3"
Focal length:	25.0 mm
Back focal length:	11.8 mm
Iris:	2.5
Diameter:	25 mm
Length:	23.2 mm
Mass:	17.6 g



Board Lenses Technical Data

TBL 35

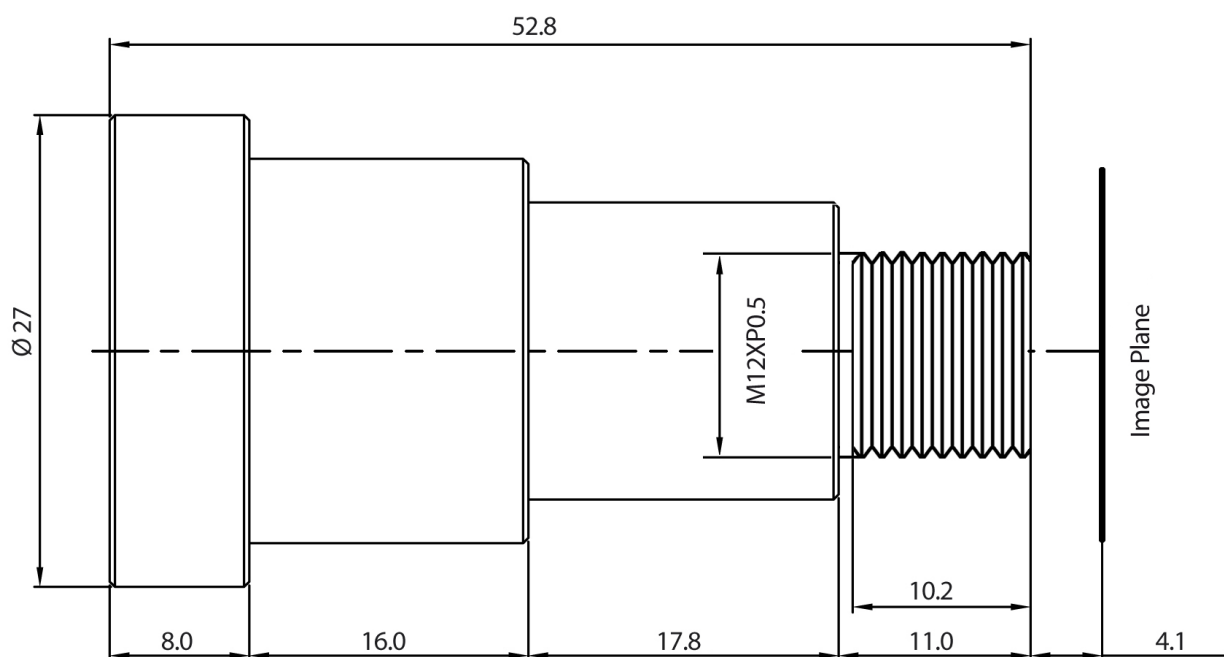


SPECIFICATIONS:	
Format:	1/2"
Focal length:	35.0 mm
Back focal length:	18.9 mm
Iris:	2.0
Diameter:	25 mm
Length:	23.5 mm
Mass:	23.7 g



Board Lenses Technical Data

TBL 50



SPECIFICATIONS:	
Format:	1/2"
Focal length:	50.0 mm
Back focal length:	33.9 mm
Iris:	2.5
Diameter:	50 mm
Length:	52.8 mm
Mass:	27.1 g



Board Lenses Technical Data



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