



## Specifications Eyepiece Specifications

All Tele Vue eyepieces listed have proprietary tuned full multi-coatings, blackened lens edges, high index glasses, fold-down eyeguards, rubber grip rings, cover for the eyeguard, an undercut in the barrel for extra locking security and filter threads. All Tele Vue eyepiece lines are proprietary, in-house designs manufactured to our specifications and tolerances. Every eyepiece is individually tested at Tele Vue to ensure it meets our high optical and cosmetic standards.

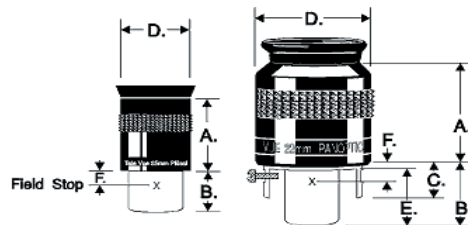
Prod. Code	<sup>1</sup> FL (mm)	Eyepiece Type	Barrel (in.)	<sup>2</sup> E / G	<sup>3</sup> AF	<sup>4</sup> G	<sup>5</sup> ER (mm)	Field Stop (mm)	<sup>6</sup> Eyepiece Dimensions (in.)						Weight (lb / oz)	Recommended	
									A	B	C	D	E	F		Bino Vue	DIOPTRX Digiscoping
EPL-55.0	55	Plössl	2"	4 / 2	50		38	46	3		1.4	2.3		1.16	1.13 / 18.1		Y
EPL-40.0	40	Plössl	1 1/4"	4 / 2	43		28	27	1.8	0.9		1.6		0.7	0.41 / 6.6	Y	Y
EPL-32.0	32	Plössl	1 1/4"	4 / 2	50	B	22	27	1.9	0.9		1.6		0.25	0.39 / 6.2	Y	Y
EAP-25.0	25	Plössl	1 1/4"	4 / 2	50	B	17	21.2	1.6	0.9		1.3		0.25	0.27 / 4.3	Y	N
EAP-20.0	20	Plössl	1 1/4"	4 / 2	50	B	14	17.1	1.2	0.9		1.3		0.25	0.19 / 3.0	Y	N
EAP-15.0	15	Plössl	1 1/4"	4 / 2	50	B	10	12.6	0.9	0.9		1.3		0.25	0.16 / 2.6	Y	N
EAP-11.0	11	Plössl	1 1/4"	4 / 2	50	B	8	9.1	0.5	0.9		1.4		0.25	0.14 / 2.2	Y	N
EAP-08.0	8	Plössl	1 1/4"	4 / 2	50	B	6	6.5	0.4	0.9		1.4		0.25	0.11 / 1.8	Y	N
Prod. Code	<sup>1</sup> FL (mm)	Eyepiece Type	Barrel (in.)	<sup>2</sup> E / G	<sup>3</sup> AF	<sup>4</sup> G	<sup>5</sup> ER (mm)	Field Stop (mm)	<sup>6</sup> Eyepiece Dimensions (in.)						Weight (lb / oz)	Recommended	
									A	B	C	D	E	F		Bino Vue	DIOPTRX Digiscoping
ERD-18.0	18	Radian	1 1/4"	6 / 4	60	B	20	18.3	1.4	1.4		1.8		0.25	0.49 / 7.8	Y	Y
ERD-14.0	14	Radian	1 1/4"	6 / 4	60	B	20	14.4	1.6	1.4		1.8		0.25	0.54 / 8.7	Y	Y
ERD-08.0	8	Radian	1 1/4"	6 / 4	60	B	20	8.3	2.2	1.2		1.8		0.25	0.60 / 9.6	Y	Y
ERD-06.0	6	Radian	1 1/4"	7 / 5	60	B	20	6.3	2.5	1.3		1.8		0.25	0.79 / 12.6	Y	Y
ERD-05.0	5	Radian	1 1/4"	7 / 5	60	B	20	5.3	2.6	1.2		1.8		0.25	0.80 / 12.8	Y	Y
ERD-04.0	4	Radian	1 1/4"	7 / 5	60	B	20	4.2	2.6	1		1.8		0.25	0.76 / 12.1	Y	Y
ERD-03.0	3	Radian	1 1/4"	7 / 5	60	B	20	3.3	2.7	1.1		1.8		0.25	0.77 / 12.3	Y	Y
Prod. Code	<sup>1</sup> FL (mm)	Eyepiece Type	Barrel (in.)	<sup>2</sup> E / G	<sup>3</sup> AF	<sup>4</sup> G	<sup>5</sup> ER (mm)	Field Stop (mm)	<sup>6</sup> Eyepiece Dimensions (in.)						Weight (lb / oz)	Recommended	
									A	B	C	D	E	F		Bino Vue	DIOPTRX Digiscoping
EPO-41.0	41	Panoptic	2"	6 / 4	68	A	27	46	3.8		1.1	3		0.27	2.10 / 33.6		Y
EPO-35.0	35	Panoptic	2"	6 / 4	68	C	24	38.7	3.4		1.2	2.6		0.17	1.60 / 25.6		Y
EPO-27.0	27	Panoptic	2"	6 / 4	68	A	19	30.5	2.4		1.2	2.1		0.29	1.03 / 16.4		Y
EPO-24.0	24	Panoptic	1 1/4"	6 / 4	68	B	15	27	2.1	0.8		1.9		0.25	0.51 / 8.2	Y	Y*
EPO-19.0	19	Panoptic	1 1/4"	6 / 4	68	B	13	21.3	1.7	0.9		1.7		0.25	0.41 / 6.6	Y	Y*
Prod. Code	<sup>1</sup> FL (mm)	Eyepiece Type	Barrel (in.)	<sup>2</sup> E / G	<sup>3</sup> AF	<sup>4</sup> G	<sup>5</sup> ER (mm)	Field Stop (mm)	<sup>6</sup> Eyepiece Dimensions (in.)						Weight (lb / oz)	Recommended	
									A	B	C	D	E	F		Bino Vue	DIOPTRX Digiscoping
EDL-10.0	10	Delos	1 1/4"	0 / 0	72	B	20	12.7							0.90 / 14.4	Y	Y
EDL-06.0	6	Delos	1 1/4"	0 / 0	72	B	20	7.6							1.00 / 16.0	Y	Y
Prod. Code	<sup>1</sup> FL (mm)	Eyepiece Type	Barrel (in.)	<sup>2</sup> E / G	<sup>3</sup> AF	<sup>4</sup> G	<sup>5</sup> ER (mm)	Field Stop (mm)	<sup>6</sup> Eyepiece Dimensions (in.)						Weight (lb / oz)	Recommended	
									A	B	C	D	E	F		Bino Vue	DIOPTRX Digiscoping
EN5-31.0	31	Nagler 5	2"	6 / 4	82		19	42	3.9		1.5	3.3		-0.38	2.20 / 35.2		Y
EN5-26.0	26	Nagler 5	2"	6 / 4	82		16	35	3		1.5	2.8		-0.05	1.60 / 25.6		Y
EN4-22.0	22	Nagler 4	2"	7 / 5	82		19	31.1	2.4		1.5	2.4		-0.29	1.50 / 24.0		Y
EN5-20.0	20	Nagler 5	2"	6 / 4	82	C	12	27.4	2.1		1.3	2.1		0.15	1.04 / 16.6		Y*
EN4-17.0	17	Nagler 4	2"	7 / 5	82		17	24.3	2.6		1.5	2.4		-0.03	1.60 / 25.6		Y
EN5-16.0	16	Nagler 5	1 1/4"	6 / 4	82	B	10	22.1	1.5	1.2		1.7		0.28	0.44 / 7.1	Y	N
EN6-13.0	13	Nagler 6	1 1/4"	7 / 4	82	B	12	17.6	1.6	1.3		1.6		0.25	0.40 / 6.4	Y	Y*
EN4-12.0	12	Nagler 4	2" & 1 1/4"	6 / 4	82		17	17.1	2.3	1.8	1	2.4	1.2	0.78	1.01 / 16.2		Y
EN6-11.0	11	Nagler 6	1 1/4"	7 / 4	82	B	12	14.9	1.7	1.2		1.6		0.25	0.42 / 6.7	Y	Y*
EN6-09.0	9	Nagler 6	1 1/4"	7 / 4	82	B	12	12.4	1.9	1.2		1.6		0.25	0.42 / 6.7	Y	Y*
EN6-07.0	7	Nagler 6	1 1/4"	7 / 4	82	B	12	9.7	2.2	1.2		1.6		0.25	0.50 / 8.0	Y	Y*
EN6-05.0	5	Nagler 6	1 1/4"	7 / 4	82	B	12	7	2.1	1.2		1.6		0.25	0.49 / 7.9	Y	Y*
EN6-03.5	3.5	Nagler 6	1 1/4"	7 / 4	82	B	12	4.8	2.2	1.2		1.6		0.25	0.53 / 8.5	Y	Y*
EN6-02.5	2.5	Nagler 6	1 1/4"	7 / 4	82	B	12	3.4	2.3	1.2		1.6		0.25	0.54 / 8.7	Y	Y*
Prod.	<sup>1</sup> FL	Eyepiece	Barrel	<sup>2</sup> E / G	<sup>3</sup> AF	<sup>4</sup> G	<sup>5</sup> ER	Field	<sup>6</sup> Eyepiece Dimensions (in.)						Weight	Recommended	



Code	(mm)	Type	(in.)			(mm)	Stop (mm)	A	B	C	D	E	F	(lb / oz)	Bino Vue	DIOPTRX Digiscoping	
ETH-21.0	21	Ethos	2"	/	100	15	36.2	4.3		1.62	2.95		-0.38	2.25 / 36.0		Y	
ETH-17.0	17	Ethos	2"	/	100	15	29.6	4.5		1.4	2.4		-0.39	1.55 / 24.8		Y	
ETH-13.0	13	Ethos	2" & 1 1/4"	/	100	15	22.3	4	1.6	1.1	2.5	1.1	0.27	1.30 / 20.8	Y	Y	
ETH-10.0	10	Ethos	2" & 1 1/4"	/	100	15	17.7	3.8	1.6	1.1	2.3	1.1	0.27	1.10 / 17.6	Y	Y	
ETH-08.0	8	Ethos	2" & 1 1/4"	/	100	15	13.9	3.3	1.7	0.94	2.1	1.2	0.7	0.95 / 15.2	Y	Y	
ETH-06.0	6	Ethos	2" & 1 1/4"	/	100	15	10.4	3.5	1.5	0.94	2.1	1.1	0.7	0.97 / 15.5	Y	Y	
ETH-03.7	3.7	Ethos	2" & 1 1/4"	/	110	15	7.04	5	1.1		2.2		0.25	1.10 / 17.6		Y	
Prod. Code	1FL (mm)	Eyepiece Type	Barrel (in.)	2E / G	3AF	4G	5ER (mm)	Field Stop (mm)	6Eyepiece Dimensions (in.)						Weight (lb / oz)	Recommended	
									A	B	C	D	E	F		Bino Vue	DIOPTRX Digiscoping
ENZ-0204	4-2	Nagler Zoom	1 1/4"	5 / 3	50	B	10	3.3-1.7	0.9	1.6		1.7		0.25	0.36 / 5.7	Y	N
ENZ-0306	6-3	Nagler Zoom	1 1/4"	5 / 3	50	B	10	5.1-2.6	0.7	1.6		1.7		0.25	0.33 / 5.3	Y	N

**Table Notes**

- <sup>1</sup>FL: Focal Length
  - <sup>2</sup>E / G: # Lens Elements / # Groups
  - <sup>3</sup>AF: Apparent Field of View
  - <sup>4</sup>G: Parfocal Group, eyepieces with the same letter are approximately parfocal -- require little (if any) refocusing when used together.
  - <sup>5</sup>ER: Eye Relief
  - <sup>6</sup>Eyepiece Dimensions: see diagram
  - \*Additional adapter required for Dioptrex
- A:** Height of barrel above reference surface
  - B:** Height of 1 1/4" barrel
  - C:** Height of 2" barrel
  - D:** Diameter of black barrel
  - E:** Depth of 1 1/4" barrel
  - F:** Approx. location of field stop (negative number is above reference surface)



**Tele Vue Eyepiece Notes**

- All Nagler and Radian eyepieces have internal focal planes. Field stop diameters and locations are "effective". Radian and Nagler type-4 eyepieces have "Instajust Eyeguards," and "pupil guide" accessory.
- The 55mm Plössl and 41mm Panoptic eyepieces have an adjustable height (removable) eyeguard.
- Also available: 2X and 3X parfocal 1 1/4" Barlows; parfocal 2.5x and 5x 1 1/4" Powermates; 2X Big Barlow, 2x and 4x Powermates for 2" focusers. Use Paracorr (1.15X) to correct fast parabolic "Dob/Newts", dramatically sharpens field to take full advantage of Tele Vue eyepiece capabilities.
- All dual barrel eyepieces work equally well in 1 1/4" or 2" focusers.

**Discontinued Eyepiece Archive**

For your convenience this table lists discontinued eyepiece field stops.

Prod. Code	Eyepiece	Field Stop (mm)
ENA-04.8	4.8 Nagler	6.6
ENA-07.0	7 Nagler	9.4
ENA-09.0	9 Nagler	12.3
ENA-11.0	11 Nagler	14.9
ENA-13.0	13 Nagler	17.8
EN2-12.0	12 Nagler 2	16.4
EN2-16.0	16 Nagler 2	21.9
EN2-20.0	20 Nagler 2	27.4
ENW-15.0	15 Wide Field	15.4
ENW-19.0	19 Wide Field	19.6
ENW-24.0	24 Wide Field	24.7
ENW-32.0	32 Wide Field	33
ENW-40.0	40 Wide Field	41.2
EPO-15.0	15 Panoptic	17.1
EPO-22.0	22 Panoptic	25
EPL-07.4	7.4 Plössl	6.2
EPL-10.5	10.5 Plössl	8.7
EPL-13.0	13 Plössl	10.8
EPL-17.0	17 Plössl	14.3
EPL-21.0	21 Plössl	18
EPL-26.0	26 Plössl	22.1