



Transmission Sphere Optical & Mechanical Data

4-Inch TS Series

f/No.	R	D	WD	OD	L	EFL
f/0.56	22.7	40.7	8.1	147.8	132.3	55.8
f/0.65	39.0	60.0	22.0	133.4	101.8	65.6
f/0.75	50.0	66.7	32.5	133.4	101.8	76.1
f/1.0	90.0	90.0	72.2	133.4	96.3	100.3
f/1.5	142.7	96.4	130.0	133.4	83.4	150.4
f/2.4	264.5	110.2	255.0	133.4	96.3	244.4
f/3.3	344.7	104.2	336.0	133.4	71.1	339.3
f/4.9	540.1	110.2	532.0	133.4	71.1	500.2
f/6.0	633.3	104.7	626.0	133.4	71.1	615.3
f/7.1	800.1	112.7	794.0	133.4	71.1	723.5
f/10.7	1201.4	112.3	1195.0	133.4	71.1	1087.8
f/12.0 diverger	1,201 cx	104.0	n/a	134.2	20.4	-1185.0
f/12.5 converger	1258.0	101.0	1253.0	134.2	20.4	1286.0

6-Inch TS Series

f/No.	R	D	WD	OD	L	EFL
f/0.75	72.1	96.0	47.0	180.1	149.9	107.5
f/1.1	130.7	120.9	109.0	180.1	110.1	160.8
f/1.6	220.3	136.5	199.0	180.1	110.1	243.0
f/2.4	346.7	146.9	333.0	180.1	89.9	361.5
f/3.5	518.3	148.1	507.0	180.1	89.9	532.6
f/5.0	739.8	150.4	730.0	180.1	89.9	749.8
f/7.4	1128.0	152.4	1120.0	180.1	89.9	1127.4

- R** Radius of the reference surface
- D** Diameter of the reference surface
- WD** Working distance from focal point to cell
- OD** Outer diameter of the lens cell
- L** Length the cell extends beyond the interferometer
- EFL** Effective focal length