

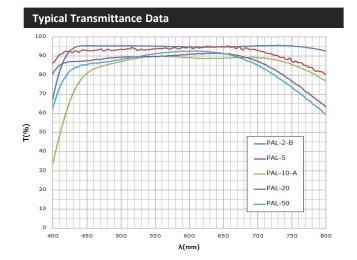
Long Work Distance Objective Lenses PAL





- Bright Field Inspection
- Infinity Corrected
- Plan Apochromat





Outline Drawing PAL-2-B PAL-5 PAL-10-A (M26 P0.706) (M26 P0.706) (M26 P0.706) W26 (ISO 8038) W26 (ISO 8038) W26 (ISO 8038) 34 (Working Distance) 41 (Working Distance) 34 (Working Distance) Φ32.2 φ32.2 $\phi 32.2$ φ34 61 54 95 (Parfocal Length) 95 (Parfocal Length) 5 95 (Parfocal Length) **PAL-20 PAL-50** (M26 P0.706) (M26 P0.706) W26 (ISO 8038) W26 (ISO 8038) 13 (Working Distance) 20 (Working Distance) φ32.2 Φ32.2

Part Number	Item name	Magnification	Focal length [mm]	N.A.	Working distance (W.D.) [mm]	Resolution [μm]	Focal depth ±D.F[μm]	Real field of View [mm]		
								(Eyepiece φ24mm) [mm]	(1/2"CCD)	Weight [kg]
PAL-2-B	MPlanApo 2x	2×	100	0.055	34	5	91	φ12	2.4 x 3.2	0.25
PAL-5	MPlanApo 5x	5×	40	0.14	41	2	14	φ4.8	0.96 x 1.28	0.24
PAL-10-A	MPlanApo 10x	10×	20	0.3	34	0.92	3.1	φ2.4	0.48 x 0.64	0.24
PAL-20	MPlanApo 20x	20x	10	0.42	20	0.65	1.6	φ1.2	0.24 x 0.32	0.29
PAL-50	MPlanApo 50x	50x	4	0.55	13	0.5	0.9	φ0.48	0.10 x 0.13	0.31

5

82

95 (Parfocal Length)

75

95 (Parfocal Length)

5

^{*}Resolution and focal depth are calculated value at wavelength of 0.55µm.