



CMBS036

45° beam splitter with mount for 61 mm clamping diameter optics

SPECIFICATIONS

Optical specifications

Coating (front) 1	VIS coating: beam splitter 50/50 @ 45°	
Coating (back) 2	AR VIS coating: normal reflectance <0.5% bandwidth	
Deviation angle	(deg)	90
Clamping diameter	(mm)	61

Mechanical specifications

Clamping system	locking	
Length	(mm)	104.4
Width	(mm)	104.4
Height	(mm)	88.0
Mass	(g)	853

Compatibility

Compatible TC	TCxx036, TC2MHR036-x, TC4MHR036-x, TC16M036-x
Compatible LTCLHP	LTCLHP036-x



NOTES

1. Tolerance +/- 5%
2. Bandwidth: 430-670 nm

Additional clamping mechanics are required to adequately support combination of CMBS with telecentric lenses and illuminators. CMHO series clamping mechanics may be used prior to verification of mechanical compatibility (see CMHO series mechanical drawings available online). **CMHO is not compatible with the combination of the following products: CMBS and TC13xxx.**

COMPATIBLE PRODUCTS



TC13036	Bi-telecentric lens for 1/3" detectors, magnification 0.133 x, C-mount
TC12036	Bi-telecentric lens for 1/2" detectors, magnification 0.177 x, C-mount
TC23036	Bi-telecentric lens for 2/3" detectors, magnification 0.243 x, C-mount



TC2MHR036-C	High resolution telecentric lens for 1" detectors, magnification 0.353x, C-mount
TC2MHR036-F	High resolution telecentric lens for 1" detectors, magnification 0.353x, F-mount
TC2MHR036-E	High resolution telecentric lens for 1" detectors, magnification 0.353x, mount M42X1 FD=16
TC4MHR036-C	High resolution telecentric lens for 1.2" detectors, magnification 0.486x, C-mount
TC4MHR036-F	High resolution telecentric lens for 1.2" detectors, magnification 0.486x, F-mount
TC4MHR036-E	High resolution telecentric lens for 1.2" detectors, magnification 0.486x, mount M42X1 FD=16



TC16M036	Telecentric lens for 35 mm detectors, magnification 1.000 x, F-mount
TC16M036-Q	Telecentric lens for 35 mm detectors, magnification 1.000 x, mount M58x0.75 FD =6.56



LTCLHP036-R	Telecentric HP illuminator, beam diameter 45 mm, red
LTCLHP036-G	Telecentric HP illuminator, beam diameter 45 mm, green
LTCLHP036-B	Telecentric HP illuminator, beam diameter 45 mm, blue
LTCLHP036-W	Telecentric HP illuminator, beam diameter 45 mm, white