

IDSH/M12/C1.6/LT/HV (with filter)

1020766

Technical Specifications

Sensor Head	
optics type	collimating
dimensions	Ø 14 mm, length 17.4 mm
weight [g]	5.1
mounting	metric M12 x 0.5
beam diameter [mm]	1.6
focal length [mm]	infinity
connector	FC/PC
working range (target: mirror) [mm]	up to 1000
angular tolerance (target: mirror) [°]	± 0.02
working range (target: retroreflector) [mm]	up to 1000
lateral tolerance (target: retroreflector) [mm]	± 0.5
angular tolerance (target: retroreflector) [°]	± 6
Environment	
pressure	1E-8 mbar .. 5 bar
temperature	mK .. 423K
Main Materials	
housing	Titanium Grade 2 (3.7035)
lens	glass (with AR C coating)
adhesive	NASA outgassing compliant adhesive
Scope of Delivery	
fiber IDS-feedthrough	IDSMF/APC/RT (1009981)
fiber feedthrough-sensor head	IDSMF/LT/HV metal tubing (1015965)
number of axes	1
mirror	Ø 9 mm, Al coated (1010846)
attenuator	Connector. SC/APC, Attenuation: 1dB



