

IDSH/D1.2/F18/RT

1013384

Technical Specifications

| | |
|---|-----------------------------|
| Sensor Head | |
| optics type | focusing |
| dimensions | Ø 1.2 mm, length 7.5 mm |
| weight [g] | 0.1 |
| mounting | clamped |
| focal length [mm] | 18 |
| typical beam diameter at focal point [µm] | ~ 70 |
| connector | none (fiber glued) |
| working range (target: glass) [mm] | 17 .. 21 |
| angular tolerance (target: glass) [°] | ± 0.175 |
| working range (target: mirror) [mm] | 25 .. 34 |
| angular tolerance (target: mirror) [°] | ± 0.3 |
| fiber connection | SC/APC |
| fiber length | 2 m |
| Environment | |
| pressure | ambient pressure |
| temperature | 0 .. 50 °C |
| Main Materials | |
| housing | Titanium Grade 2 (3.7035) |
| lens | glass (with AR C coating) |
| Scope of Delivery | |
| number of axes | 1 |
| mirror | Ø 9 mm, Al coated (1010846) |

