



### Model Number

**LLR 05-22-1,0-Z1**

Glass fiber optic - diffuse with metal silicone covering

### Features

- Easy installation

### Series

#### Fiber optic amplifiers

Device series VCS110

### Description

#### Attention:

Fibre optics must not be twisted or kinked. Excessive tensile loads will lead to destruction. Contact with petrol or organic solvents must be prevented.



### Technical data

#### General specifications

Fiber optic length	l	1000 mm
Fiber optic diameter	d	6 mm
End piece		Cylindrical
Bending radius		min. 22 mm
Fiber configuration	Fv	optical seperated
Approvals		CE
Angle of divergence		approx. 68 °

#### Ambient conditions

Ambient temperature		-20 ... 85 °C (-4 ... 185 °F) [Adapter]
		-40 ... 180 °C (-40 ... 356 °F) [End head and Covering]
Storage temperature		-20 ... 85 °C (-4 ... 185 °F)

#### Mechanical specifications

Protection degree		IP67
Material		
Optical face		glass
Sheathing		Metal-silicon
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Extraction force		at probe at 20°C: 120 N

### Dimensions

