



## Model Number

**LLR 04-1,9-1,0-W C5**

Glass fiber optic - diffuse with metal silicone covering

## Features

- Chemical-resistant

## Series

### Fiber optic amplifiers

Device series MLV41-LL

## Description

### Attention:

Fiber 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	7.5 mm
Adapter form		04
End piece		Thread / cylindrical right angle
Bending radius		min. 20 mm
Fiber bundle diameter		1.8 mm optical face: 2.5 mm <sup>2</sup>
Fiber configuration	Fv	optical separated
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		IP65
Material		
Optical face		glass
Sheathing		Metal-silicon
Core		Glass fiber
End piece		Stainless steel 1.4305 / AISI 303
Adapter		PVC
Extraction force		at probe at 20°C: 120 N

## Dimensions

